

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Irvine

17461 Derian Ave

Suite 100

Irvine, CA 92614-5817

Tel: (949)261-1022

TestAmerica Job ID: 440-94032-1

Client Project/Site: 106846-Patriot Env, Santa Paula

Revision: 2

For:

Center for Toxicology & Env Health LLC

5120 North Shore Drive

North Little Rock, Arkansas 72118

Attn: Ms. Christine Millner

Debby Wilson

Authorized for release by:

12/22/2014 3:09:20 PM

Debby Wilson, Manager of Project Management

(949)261-1022

debby.wilson@testamericainc.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-94032-1	SACA1121SS020	Solid	11/21/14 13:50	11/21/14 21:00
440-94032-2	SACA1121SS019	Solid	11/21/14 14:30	11/21/14 21:00
440-94032-3	SACA1121SS018	Solid	11/21/14 15:00	11/21/14 21:00
440-94032-4	SACA1121SS017	Solid	11/21/14 15:20	11/21/14 21:00
440-94032-5	SACA1121SS016	Solid	11/21/14 15:40	11/21/14 21:00
440-94032-10	SACA1121SS001	Solid	11/21/14 13:33	11/21/14 21:00
440-94032-11	SACA1121SS012	Solid	11/21/14 14:27	11/21/14 21:00
440-94032-12	SACA1121SS011	Solid	11/21/14 14:51	11/21/14 21:00
440-94032-13	SACA1121DD011	Solid	11/21/14 14:53	11/21/14 21:00
440-94032-14	SACA1121SS013	Solid	11/21/14 15:27	11/21/14 21:00
440-94032-15	SACA1121SS010	Solid	11/21/14 16:01	11/21/14 21:00
440-94032-16	SACA1121SS009	Solid	11/21/14 16:17	11/21/14 21:00
440-94032-17	SACA1121SS008	Solid	11/21/14 16:45	11/21/14 21:00
440-94032-19	SACA1121SS007	Solid	11/21/14 14:14	11/21/14 21:00
440-94032-20	SACA1121SS006	Solid	11/21/14 14:58	11/21/14 21:00
440-94032-21	SACA1121SS005	Solid	11/21/14 15:32	11/21/14 21:00
440-94032-22	SACA1121SS004	Solid	11/21/14 16:02	11/21/14 21:00
440-94032-23	SACA1121DD001	Solid	11/21/14 16:04	11/21/14 21:00
440-94032-24	SACA1121SS003	Solid	11/21/14 16:42	11/21/14 21:00
440-94032-25	SACA1121SS002	Solid	11/21/14 17:08	11/21/14 21:00
440-94032-26	SACA1121SS014	Solid	11/21/14 17:32	11/21/14 21:00
440-94032-27	SACA1121SS015	Solid	11/21/14 16:00	11/21/14 21:00
440-94032-28	SACA1121TB002	Water	11/21/14 00:01	11/21/14 21:00
440-94032-29	SACA1121TB003	Water	11/21/14 00:01	11/21/14 21:00
440-94032-30	SACA1121TB001	Water	11/21/14 00:01	11/21/14 21:00

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TestAmerica Irvine

Case Narrative

Client: Center for Toxicology & Env Health LLC
Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Job ID: 440-94032-1

Laboratory: TestAmerica Irvine

Narrative

Job Narrative 440-94032-1

Comments

Revised report to dry-weight correct the solid samples per client request.

Receipt

The samples were received on 11/21/2014 9:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 2.7° C and 5.0° C.

The following sample(s) was submitted for analysis; however, it was not listed on the Chain-of-Custody (COC): SACA1121SS015 (440-94032-27). Sample was analyzed per client request.

GC/MS VOA

Method(s) 8260B: Internal standard (ISTD) response for the following sample(s) was outside control limits(low): SACA1121DD011 (440-94032-13), SACA1121SS015 (440-94032-27). The sample(s) was re-extracted and/or re-analyzed with concurring results, and the original set of data has been reported.

Method(s) 8260B: Sample SACA1121TB002 (440-94032-28), SACA1121TB003 (440-94032-29) contained 2-Methyl-2-propanol above the reporting limit (RL). The sample was re-analyzed with concurring results. The re-analysis has been reported.

Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for the following sample associated with batch 220361 were outside control limits: (440-93713-2 MSD). The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method(s) 8260B: Internal standard (ISTD) response for the following sample(s) was outside control limits (low): SACA1121SS011 (440-94032-12), SACA1121SS009 (440-94032-16). The sample(s) was re-extracted and/or re-analyzed with concurring results, and the re-analyzed set of data has been reported.

Method(s) 8260B: Surrogate recovery for the following sample(s) was outside control limits: SACA1121SS009 (440-94032-16). Evidence of matrix interference is present.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA

Method(s) 8270C: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for batch 220274 recovered outside control limits for the following analytes: 4-Bromophenyl phenyl ether, Benzo(b)fluoranthene and Indeno[1,2,3-cd]pyrene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 8270C: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for batch 220326 recovered outside control limits for the following analytes: Benzidine. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 8270C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and/or RPD for batch 220326 were outside control limits for Benzidine, Benzoic Acid and Hexachlorocyclopentadiene. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method(s) 8270C: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for batch 220326 was outside control limits. Sample matrix interference is suspected.

Method(s) 8270C: The following sample(s) was diluted due to the nature of the sample matrix: SACA1121DD011 (440-94032-13). Elevated reporting limits (RLs) are provided.

Method(s) 8270C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 220274 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Case Narrative

Client: Center for Toxicology & Env Health LLC
Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Job ID: 440-94032-1 (Continued)

Laboratory: TestAmerica Irvine (Continued)

Method(s) 8270C: Surrogate recovery for the following sample(s) was outside control limits: SACA1121SS011 (440-94032-12). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) 8270C: Internal standard Perylene-d12 responses were outside of acceptance limits for the following sample(s): SACA1121DD011 (440-94032-13), SACA1121SS009 (440-94032-16), SACA1121SS010 (440-94032-15), SACA1121SS011 (440-94032-12), SACA1121SS018 (440-94032-3). The sample(s) shows evidence of matrix interference. The following compounds are affected: Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(g,h,i)perylene, Benzo(k)fluoranthene, Dibenz(a,h)anthracene and Indeno[1,2,3-cd]pyrene. There is a possible high bias for the results of these compounds. The sample results are ND, therefore, a possible high bias does not impact the results.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC VOA

Method(s) 8015B: Surrogate recovery for the following sample(s) was outside control limits: SACA1121SS009 (440-94032-16). Re-extraction and/or re-analysis was performed with concurring results. This analysis is being reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA

Method(s) 8015B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 220266 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method(s) 8015B: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for batch 220266 was outside control limits. Non-homogeneity of the sample is suspected.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACAC1121SS020

Lab Sample ID: 440-94032-1

Date Collected: 11/21/14 13:50

Matrix: Solid

Date Received: 11/21/14 21:00

Percent Solids: 95.2

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.2		ug/Kg	⊗		11/21/14 22:46	1
1,1,1-Trichloroethane	ND		2.1		ug/Kg	⊗		11/21/14 22:46	1
1,1,2,2-Tetrachloroethane	ND		2.1		ug/Kg	⊗		11/21/14 22:46	1
1,1,2-Trichloroethane	ND		2.1		ug/Kg	⊗		11/21/14 22:46	1
1,1-Dichloroethane	ND		2.1		ug/Kg	⊗		11/21/14 22:46	1
1,1-Dichloroethene	ND		5.2		ug/Kg	⊗		11/21/14 22:46	1
1,1-Dichloropropene	ND		2.1		ug/Kg	⊗		11/21/14 22:46	1
1,2,3-Trichlorobenzene	ND		5.2		ug/Kg	⊗		11/21/14 22:46	1
1,2,3-Trichloropropane	ND		10		ug/Kg	⊗		11/21/14 22:46	1
1,2,4-Trichlorobenzene	ND		5.2		ug/Kg	⊗		11/21/14 22:46	1
1,2,4-Trimethylbenzene	ND		2.1		ug/Kg	⊗		11/21/14 22:46	1
1,2-Dibromo-3-Chloropropane	ND		5.2		ug/Kg	⊗		11/21/14 22:46	1
1,2-Dibromoethane (EDB)	ND		2.1		ug/Kg	⊗		11/21/14 22:46	1
1,2-Dichlorobenzene	ND		2.1		ug/Kg	⊗		11/21/14 22:46	1
1,2-Dichloroethane	ND		2.1		ug/Kg	⊗		11/21/14 22:46	1
1,2-Dichloropropane	ND		2.1		ug/Kg	⊗		11/21/14 22:46	1
1,3,5-Trimethylbenzene	ND		2.1		ug/Kg	⊗		11/21/14 22:46	1
1,3-Dichlorobenzene	ND		2.1		ug/Kg	⊗		11/21/14 22:46	1
1,3-Dichloropropane	ND		2.1		ug/Kg	⊗		11/21/14 22:46	1
1,4-Dichlorobenzene	ND		2.1		ug/Kg	⊗		11/21/14 22:46	1
2,2-Dichloropropane	ND		2.1		ug/Kg	⊗		11/21/14 22:46	1
2-Chlorotoluene	ND		5.2		ug/Kg	⊗		11/21/14 22:46	1
4-Chlorotoluene	ND		5.2		ug/Kg	⊗		11/21/14 22:46	1
Benzene	ND		2.1		ug/Kg	⊗		11/21/14 22:46	1
Bromobenzene	ND		5.2		ug/Kg	⊗		11/21/14 22:46	1
Bromoform	ND		5.2		ug/Kg	⊗		11/21/14 22:46	1
Bromomethane	ND		5.2		ug/Kg	⊗		11/21/14 22:46	1
Bromodichloromethane	ND		2.1		ug/Kg	⊗		11/21/14 22:46	1
Carbon tetrachloride	ND		5.2		ug/Kg	⊗		11/21/14 22:46	1
Chlorobenzene	ND		2.1		ug/Kg	⊗		11/21/14 22:46	1
Chloroethane	ND		5.2		ug/Kg	⊗		11/21/14 22:46	1
Chloroform	ND		2.1		ug/Kg	⊗		11/21/14 22:46	1
Chloromethane	ND		5.2		ug/Kg	⊗		11/21/14 22:46	1
cis-1,2-Dichloroethene	ND		2.1		ug/Kg	⊗		11/21/14 22:46	1
cis-1,3-Dichloropropene	ND		2.1		ug/Kg	⊗		11/21/14 22:46	1
Dibromochloromethane	ND		2.1		ug/Kg	⊗		11/21/14 22:46	1
Dibromomethane	ND		2.1		ug/Kg	⊗		11/21/14 22:46	1
Dichlorodifluoromethane	ND		5.2		ug/Kg	⊗		11/21/14 22:46	1
Ethylbenzene	ND		2.1		ug/Kg	⊗		11/21/14 22:46	1
Hexachlorobutadiene	ND		5.2		ug/Kg	⊗		11/21/14 22:46	1
Isopropylbenzene	ND		2.1		ug/Kg	⊗		11/21/14 22:46	1
m,p-Xylene	ND		4.2		ug/Kg	⊗		11/21/14 22:46	1
Methylene Chloride	ND		21		ug/Kg	⊗		11/21/14 22:46	1
Methyl-t-Butyl Ether (MTBE)	ND		5.2		ug/Kg	⊗		11/21/14 22:46	1
Naphthalene	ND		5.2		ug/Kg	⊗		11/21/14 22:46	1
n-Butylbenzene	ND		5.2		ug/Kg	⊗		11/21/14 22:46	1
N-Propylbenzene	ND		2.1		ug/Kg	⊗		11/21/14 22:46	1
o-Xylene	ND		2.1		ug/Kg	⊗		11/21/14 22:46	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS020

Lab Sample ID: 440-94032-1

Date Collected: 11/21/14 13:50

Matrix: Solid

Date Received: 11/21/14 21:00

Percent Solids: 95.2

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		5.2		ug/Kg	⊗		11/21/14 22:46	1
Styrene	ND		2.1		ug/Kg	⊗		11/21/14 22:46	1
Tert-amyl-methyl ether (TAME)	ND		5.2		ug/Kg	⊗		11/21/14 22:46	1
tert-Butylbenzene	ND		5.2		ug/Kg	⊗		11/21/14 22:46	1
Tetrachloroethene	ND		2.1		ug/Kg	⊗		11/21/14 22:46	1
Toluene	ND		2.1		ug/Kg	⊗		11/21/14 22:46	1
trans-1,2-Dichloroethene	ND		2.1		ug/Kg	⊗		11/21/14 22:46	1
trans-1,3-Dichloropropene	ND		2.1		ug/Kg	⊗		11/21/14 22:46	1
Trichloroethene	ND		2.1		ug/Kg	⊗		11/21/14 22:46	1
Trichlorofluoromethane	ND		5.2		ug/Kg	⊗		11/21/14 22:46	1
Vinyl chloride	ND		5.2		ug/Kg	⊗		11/21/14 22:46	1
Xylenes, Total	ND		4.2		ug/Kg	⊗		11/21/14 22:46	1
Isopropyl Ether (DIPE)	ND		5.2		ug/Kg	⊗		11/21/14 22:46	1
Ethyl-t-butyl ether (ETBE)	ND		5.2		ug/Kg	⊗		11/21/14 22:46	1
tert-Butyl alcohol (TBA)	ND		100		ug/Kg	⊗		11/21/14 22:46	1
p-Isopropyltoluene	ND		2.1		ug/Kg	⊗		11/21/14 22:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	103		79 - 123		11/21/14 22:46	1
4-Bromofluorobenzene (Surr)	102		79 - 120		11/21/14 22:46	1
Dibromofluoromethane (Surr)	95		60 - 120		11/21/14 22:46	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
1,2-Dichlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
1,2-Diphenylhydrazine(as Azobenzene)	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
1,3-Dichlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
1,4-Dichlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
2,4,5-Trichlorophenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
2,4,6-Trichlorophenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
2,4-Dichlorophenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
2,4-Dimethylphenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
2,4-Dinitrophenol	ND		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
2,4-Dinitrotoluene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
2,6-Dinitrotoluene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
2-Chloronaphthalene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
2-Chlorophenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
2-Methylnaphthalene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
2-Methylphenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
2-Nitroaniline	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
2-Nitrophenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
3,3'-Dichlorobenzidine	ND		870		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
3-Nitroaniline	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
4,6-Dinitro-2-methylphenol	ND		440		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
4-Bromophenyl phenyl ether	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
4-Chloro-3-methylphenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
4-Chloroaniline	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
4-Chlorophenyl phenyl ether	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS020

Lab Sample ID: 440-94032-1

Date Collected: 11/21/14 13:50

Matrix: Solid

Date Received: 11/21/14 21:00

Percent Solids: 95.2

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Methylphenol + 4-Methylphenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
4-Nitroaniline	ND		870		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
4-Nitrophenol	ND		870		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
Acenaphthene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
Acenaphthylene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
Aniline	ND		440		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
Anthracene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
Benzidine	ND *		1400		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
Benzo[a]anthracene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
Benzo[a]pyrene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
Benzo[b]fluoranthene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
Benzo[g,h,i]perylene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
Benzo[k]fluoranthene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
Benzoic acid	ND		870		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
Benzyl alcohol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
Bis(2-chloroethoxy)methane	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
Bis(2-chloroethyl)ether	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
Bis(2-ethylhexyl) phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
Butyl benzyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
Chrysene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
Dibenz(a,h)anthracene	ND		440		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
Dibenzofuran	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
Diethyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
Dimethyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
Di-n-butyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
Di-n-octyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
Fluoranthene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
Fluorene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
Hexachlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
Hexachlorobutadiene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
Hexachlorocyclopentadiene	ND		870		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:17	1
Hexachloroethane	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
Indeno[1,2,3-cd]pyrene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
Isophorone	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
Naphthalene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
Nitrobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
N-Nitrosodi-n-propylamine	ND		260		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
N-Nitrosodiphenylamine	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
Pentachlorophenol	ND		870		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
Phenanthrene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
Phenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
Pyrene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
bis (2-chloroisopropyl) ether	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
N-Nitrosodimethylamine	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	80		35 - 120				11/21/14 21:53	11/22/14 19:57	1
2-Fluorophenol (Surr)	67		25 - 120				11/21/14 21:53	11/22/14 19:57	1
2,4,6-Tribromophenol (Surr)	76		35 - 125				11/21/14 21:53	11/22/14 19:57	1
Nitrobenzene-d5 (Surr)	65		30 - 120				11/21/14 21:53	11/22/14 19:57	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS020

Lab Sample ID: 440-94032-1

Date Collected: 11/21/14 13:50

Matrix: Solid

Date Received: 11/21/14 21:00

Percent Solids: 95.2

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14 (Surr)	74		40 - 135	11/21/14 21:53	11/22/14 19:57	1
Phenol-d6 (Surr)	70		35 - 120	11/21/14 21:53	11/22/14 19:57	1

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		400		ug/Kg	⊗		11/21/14 22:33	1
Surrogate	%Recovery	Qualifier	Limits			⊗	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		65 - 140					11/21/14 22:33	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	11		5.2		mg/Kg	⊗	11/21/14 21:51	11/22/14 03:22	1
C23-C40	86		5.2		mg/Kg	⊗	11/21/14 21:51	11/22/14 03:22	1
Surrogate	%Recovery	Qualifier	Limits			⊗	Prepared	Analyzed	Dil Fac
n-Octacosane	57		40 - 140					11/21/14 21:51	11/22/14 03:22

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:14	5
Arsenic	14		3.2		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:14	5
Barium	150		1.6		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:14	5
Beryllium	0.59		0.53		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:14	5
Cadmium	1.9		0.53		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:14	5
Chromium	39		1.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:14	5
Cobalt	7.0		1.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:14	5
Copper	26		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:14	5
Lead	90		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:14	5
Molybdenum	2.4		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:14	5
Nickel	36		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:14	5
Selenium	ND		3.2		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:14	5
Thallium	ND		11		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:14	5
Vanadium	58		1.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:14	5
Zinc	87		5.3		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:14	5
Silver	ND		1.6		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:14	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.031		0.021		mg/Kg	⊗	11/21/14 22:02	11/22/14 07:03	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	4.8		0.10	%			12/17/14 16:13	1
Percent Solids	95		0.10	%			12/17/14 16:13	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS019
Date Collected: 11/21/14 14:30
Date Received: 11/21/14 21:00

Lab Sample ID: 440-94032-2
Matrix: Solid
Percent Solids: 93.6

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.4		ug/Kg	⊗		11/21/14 23:15	1
1,1,1-Trichloroethane	ND		2.2		ug/Kg	⊗		11/21/14 23:15	1
1,1,2,2-Tetrachloroethane	ND		2.2		ug/Kg	⊗		11/21/14 23:15	1
1,1,2-Trichloroethane	ND		2.2		ug/Kg	⊗		11/21/14 23:15	1
1,1-Dichloroethane	ND		2.2		ug/Kg	⊗		11/21/14 23:15	1
1,1-Dichloroethene	ND		5.4		ug/Kg	⊗		11/21/14 23:15	1
1,1-Dichloropropene	ND		2.2		ug/Kg	⊗		11/21/14 23:15	1
1,2,3-Trichlorobenzene	ND		5.4		ug/Kg	⊗		11/21/14 23:15	1
1,2,3-Trichloropropane	ND		11		ug/Kg	⊗		11/21/14 23:15	1
1,2,4-Trichlorobenzene	ND		5.4		ug/Kg	⊗		11/21/14 23:15	1
1,2,4-Trimethylbenzene	ND		2.2		ug/Kg	⊗		11/21/14 23:15	1
1,2-Dibromo-3-Chloropropane	ND		5.4		ug/Kg	⊗		11/21/14 23:15	1
1,2-Dibromoethane (EDB)	ND		2.2		ug/Kg	⊗		11/21/14 23:15	1
1,2-Dichlorobenzene	ND		2.2		ug/Kg	⊗		11/21/14 23:15	1
1,2-Dichloroethane	ND		2.2		ug/Kg	⊗		11/21/14 23:15	1
1,2-Dichloropropene	ND		2.2		ug/Kg	⊗		11/21/14 23:15	1
1,3,5-Trimethylbenzene	ND		2.2		ug/Kg	⊗		11/21/14 23:15	1
1,3-Dichlorobenzene	ND		2.2		ug/Kg	⊗		11/21/14 23:15	1
1,3-Dichloropropane	ND		2.2		ug/Kg	⊗		11/21/14 23:15	1
1,4-Dichlorobenzene	ND		2.2		ug/Kg	⊗		11/21/14 23:15	1
2,2-Dichloropropane	ND		2.2		ug/Kg	⊗		11/21/14 23:15	1
2-Chlorotoluene	ND		5.4		ug/Kg	⊗		11/21/14 23:15	1
4-Chlorotoluene	ND		5.4		ug/Kg	⊗		11/21/14 23:15	1
Benzene	ND		2.2		ug/Kg	⊗		11/21/14 23:15	1
Bromobenzene	ND		5.4		ug/Kg	⊗		11/21/14 23:15	1
Bromochloromethane	ND		5.4		ug/Kg	⊗		11/21/14 23:15	1
Bromodichloromethane	ND		2.2		ug/Kg	⊗		11/21/14 23:15	1
Bromoform	ND		5.4		ug/Kg	⊗		11/21/14 23:15	1
Bromomethane	ND		5.4		ug/Kg	⊗		11/21/14 23:15	1
Carbon tetrachloride	ND		5.4		ug/Kg	⊗		11/21/14 23:15	1
Chlorobenzene	ND		2.2		ug/Kg	⊗		11/21/14 23:15	1
Chloroethane	ND		5.4		ug/Kg	⊗		11/21/14 23:15	1
Chloroform	ND		2.2		ug/Kg	⊗		11/21/14 23:15	1
Chloromethane	ND		5.4		ug/Kg	⊗		11/21/14 23:15	1
cis-1,2-Dichloroethene	ND		2.2		ug/Kg	⊗		11/21/14 23:15	1
cis-1,3-Dichloropropene	ND		2.2		ug/Kg	⊗		11/21/14 23:15	1
Dibromochloromethane	ND		2.2		ug/Kg	⊗		11/21/14 23:15	1
Dibromomethane	ND		2.2		ug/Kg	⊗		11/21/14 23:15	1
Dichlorodifluoromethane	ND		5.4		ug/Kg	⊗		11/21/14 23:15	1
Ethylbenzene	ND		2.2		ug/Kg	⊗		11/21/14 23:15	1
Hexachlorobutadiene	ND		5.4		ug/Kg	⊗		11/21/14 23:15	1
Isopropylbenzene	ND		2.2		ug/Kg	⊗		11/21/14 23:15	1
m,p-Xylene	ND		4.3		ug/Kg	⊗		11/21/14 23:15	1
Methylene Chloride	ND		22		ug/Kg	⊗		11/21/14 23:15	1
Methyl-t-Butyl Ether (MTBE)	ND		5.4		ug/Kg	⊗		11/21/14 23:15	1
Naphthalene	ND		5.4		ug/Kg	⊗		11/21/14 23:15	1
n-Butylbenzene	ND		5.4		ug/Kg	⊗		11/21/14 23:15	1
N-Propylbenzene	ND		2.2		ug/Kg	⊗		11/21/14 23:15	1
o-Xylene	ND		2.2		ug/Kg	⊗		11/21/14 23:15	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS019

Lab Sample ID: 440-94032-2

Date Collected: 11/21/14 14:30

Matrix: Solid

Date Received: 11/21/14 21:00

Percent Solids: 93.6

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		5.4		ug/Kg	⊗		11/21/14 23:15	1
Styrene	ND		2.2		ug/Kg	⊗		11/21/14 23:15	1
Tert-amyl-methyl ether (TAME)	ND		5.4		ug/Kg	⊗		11/21/14 23:15	1
tert-Butylbenzene	ND		5.4		ug/Kg	⊗		11/21/14 23:15	1
Tetrachloroethene	ND		2.2		ug/Kg	⊗		11/21/14 23:15	1
Toluene	ND		2.2		ug/Kg	⊗		11/21/14 23:15	1
trans-1,2-Dichloroethene	ND		2.2		ug/Kg	⊗		11/21/14 23:15	1
trans-1,3-Dichloropropene	ND		2.2		ug/Kg	⊗		11/21/14 23:15	1
Trichloroethene	ND		2.2		ug/Kg	⊗		11/21/14 23:15	1
Trichlorofluoromethane	ND		5.4		ug/Kg	⊗		11/21/14 23:15	1
Vinyl chloride	ND		5.4		ug/Kg	⊗		11/21/14 23:15	1
Xylenes, Total	ND		4.3		ug/Kg	⊗		11/21/14 23:15	1
Isopropyl Ether (DIPE)	ND		5.4		ug/Kg	⊗		11/21/14 23:15	1
Ethyl-t-butyl ether (ETBE)	ND		5.4		ug/Kg	⊗		11/21/14 23:15	1
tert-Butyl alcohol (TBA)	ND		110		ug/Kg	⊗		11/21/14 23:15	1
p-Isopropyltoluene	ND		2.2		ug/Kg	⊗		11/21/14 23:15	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	101			79 - 123				11/21/14 23:15	1
4-Bromofluorobenzene (Surr)	102			79 - 120				11/21/14 23:15	1
Dibromofluoromethane (Surr)	99			60 - 120				11/21/14 23:15	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
1,2-Dichlorobenzene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
1,2-Diphenylhydrazine(as Azobenzene)	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
1,3-Dichlorobenzene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
1,4-Dichlorobenzene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
2,4,5-Trichlorophenol	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
2,4,6-Trichlorophenol	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
2,4-Dichlorophenol	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
2,4-Dimethylphenol	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
2,4-Dinitrophenol	ND		700		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
2,4-Dinitrotoluene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
2,6-Dinitrotoluene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
2-Chloronaphthalene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
2-Chlorophenol	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
2-Methylnaphthalene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
2-Methylphenol	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
2-Nitroaniline	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
2-Nitrophenol	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
3,3'-Dichlorobenzidine	ND		880		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
3-Nitroaniline	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
4,6-Dinitro-2-methylphenol	ND		440		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
4-Bromophenyl phenyl ether	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
4-Chloro-3-methylphenol	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
4-Chloroaniline	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
4-Chlorophenyl phenyl ether	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS019

Lab Sample ID: 440-94032-2

Date Collected: 11/21/14 14:30

Matrix: Solid

Date Received: 11/21/14 21:00

Percent Solids: 93.6

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Methylphenol + 4-Methylphenol	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
4-Nitroaniline	ND		880		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
4-Nitrophenol	ND		880		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
Acenaphthene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
Acenaphthylene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
Aniline	ND		440		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
Anthracene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
Benzidine	ND *		1400		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
Benzo[a]anthracene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
Benzo[a]pyrene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
Benzo[b]fluoranthene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
Benzo[g,h,i]perylene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
Benzo[k]fluoranthene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
Benzoic acid	ND		880		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
Benzyl alcohol	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
Bis(2-chloroethoxy)methane	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
Bis(2-chloroethyl)ether	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
Bis(2-ethylhexyl) phthalate	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
Butyl benzyl phthalate	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
Chrysene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
Dibenz(a,h)anthracene	ND		440		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
Dibenzo furan	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
Diethyl phthalate	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
Dimethyl phthalate	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
Di-n-butyl phthalate	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
Di-n-octyl phthalate	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
Fluoranthene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
Fluorene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
Hexachlorobenzene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
Hexachlorobutadiene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
Hexachlorocyclopentadiene	ND		880		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:38	1
Hexachloroethane	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
Indeno[1,2,3-cd]pyrene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
Isophorone	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
Naphthalene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
Nitrobenzene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
N-Nitrosodi-n-propylamine	ND		260		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
N-Nitrosodiphenylamine	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
Pentachlorophenol	ND		880		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
Phenanthrene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
Phenol	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
Pyrene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
bis (2-chloroisopropyl) ether	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
N-Nitrosodimethylamine	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 20:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	82		35 - 120				11/21/14 21:53	11/22/14 20:18	1
2-Fluorophenol (Surr)	73		25 - 120				11/21/14 21:53	11/22/14 20:18	1
2,4,6-Tribromophenol (Surr)	81		35 - 125				11/21/14 21:53	11/22/14 20:18	1
Nitrobenzene-d5 (Surr)	69		30 - 120				11/21/14 21:53	11/22/14 20:18	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS019

Lab Sample ID: 440-94032-2

Date Collected: 11/21/14 14:30
 Date Received: 11/21/14 21:00

Matrix: Solid

Percent Solids: 93.6

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14 (Surr)	75		40 - 135	11/21/14 21:53	11/22/14 20:18	1
Phenol-d6 (Surr)	70		35 - 120	11/21/14 21:53	11/22/14 20:18	1

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		420		ug/Kg	⊗		11/21/14 23:01	1
Surrogate	%Recovery	Qualifier	Limits			⊗	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		65 - 140					11/21/14 23:01	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	7.1		5.3		mg/Kg	⊗	11/21/14 21:51	11/22/14 04:01	1
C23-C40	54		5.3		mg/Kg	⊗	11/21/14 21:51	11/22/14 04:01	1
Surrogate	%Recovery	Qualifier	Limits			⊗	Prepared	Analyzed	Dil Fac
n-Octacosane	55		40 - 140				11/21/14 21:51	11/22/14 04:01	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:16	5
Arsenic	8.2		3.2		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:16	5
Barium	170		1.6		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:16	5
Beryllium	0.78		0.53		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:16	5
Cadmium	1.8		0.53		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:16	5
Chromium	50		1.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:16	5
Cobalt	8.7		1.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:16	5
Copper	30		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:16	5
Lead	13		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:16	5
Molybdenum	2.6		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:16	5
Nickel	47		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:16	5
Selenium	ND		3.2		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:16	5
Thallium	ND		11		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:16	5
Vanadium	77		1.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:16	5
Zinc	97		5.3		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:16	5
Silver	ND		1.6		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:16	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.021		0.021		mg/Kg	⊗	11/21/14 22:02	11/22/14 07:05	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	6.4		0.10		%			12/17/14 16:13	1
Percent Solids	94		0.10		%			12/17/14 16:13	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS018
Date Collected: 11/21/14 15:00
Date Received: 11/21/14 21:00

Lab Sample ID: 440-94032-3
Matrix: Solid
Percent Solids: 82.5

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.9		ug/Kg	⊗		11/21/14 23:43	1
1,1,1-Trichloroethane	ND		2.4		ug/Kg	⊗		11/21/14 23:43	1
1,1,2,2-Tetrachloroethane	ND		2.4		ug/Kg	⊗		11/21/14 23:43	1
1,1,2-Trichloroethane	ND		2.4		ug/Kg	⊗		11/21/14 23:43	1
1,1-Dichloroethane	ND		2.4		ug/Kg	⊗		11/21/14 23:43	1
1,1-Dichloroethene	ND		5.9		ug/Kg	⊗		11/21/14 23:43	1
1,1-Dichloropropene	ND		2.4		ug/Kg	⊗		11/21/14 23:43	1
1,2,3-Trichlorobenzene	ND		5.9		ug/Kg	⊗		11/21/14 23:43	1
1,2,3-Trichloropropane	ND		12		ug/Kg	⊗		11/21/14 23:43	1
1,2,4-Trichlorobenzene	ND		5.9		ug/Kg	⊗		11/21/14 23:43	1
1,2,4-Trimethylbenzene	ND		2.4		ug/Kg	⊗		11/21/14 23:43	1
1,2-Dibromo-3-Chloropropane	ND		5.9		ug/Kg	⊗		11/21/14 23:43	1
1,2-Dibromoethane (EDB)	ND		2.4		ug/Kg	⊗		11/21/14 23:43	1
1,2-Dichlorobenzene	ND		2.4		ug/Kg	⊗		11/21/14 23:43	1
1,2-Dichloroethane	ND		2.4		ug/Kg	⊗		11/21/14 23:43	1
1,2-Dichloropropene	ND		2.4		ug/Kg	⊗		11/21/14 23:43	1
1,3,5-Trimethylbenzene	ND		2.4		ug/Kg	⊗		11/21/14 23:43	1
1,3-Dichlorobenzene	ND		2.4		ug/Kg	⊗		11/21/14 23:43	1
1,3-Dichloropropane	ND		2.4		ug/Kg	⊗		11/21/14 23:43	1
1,4-Dichlorobenzene	ND		2.4		ug/Kg	⊗		11/21/14 23:43	1
2,2-Dichloropropane	ND		2.4		ug/Kg	⊗		11/21/14 23:43	1
2-Chlorotoluene	ND		5.9		ug/Kg	⊗		11/21/14 23:43	1
4-Chlorotoluene	ND		5.9		ug/Kg	⊗		11/21/14 23:43	1
Benzene	ND		2.4		ug/Kg	⊗		11/21/14 23:43	1
Bromobenzene	ND		5.9		ug/Kg	⊗		11/21/14 23:43	1
Bromochloromethane	ND		5.9		ug/Kg	⊗		11/21/14 23:43	1
Bromodichloromethane	ND		2.4		ug/Kg	⊗		11/21/14 23:43	1
Bromoform	ND		5.9		ug/Kg	⊗		11/21/14 23:43	1
Bromomethane	ND		5.9		ug/Kg	⊗		11/21/14 23:43	1
Carbon tetrachloride	ND		5.9		ug/Kg	⊗		11/21/14 23:43	1
Chlorobenzene	ND		2.4		ug/Kg	⊗		11/21/14 23:43	1
Chloroethane	ND		5.9		ug/Kg	⊗		11/21/14 23:43	1
Chloroform	ND		2.4		ug/Kg	⊗		11/21/14 23:43	1
Chloromethane	ND		5.9		ug/Kg	⊗		11/21/14 23:43	1
cis-1,2-Dichloroethene	ND		2.4		ug/Kg	⊗		11/21/14 23:43	1
cis-1,3-Dichloropropene	ND		2.4		ug/Kg	⊗		11/21/14 23:43	1
Dibromochloromethane	ND		2.4		ug/Kg	⊗		11/21/14 23:43	1
Dibromomethane	ND		2.4		ug/Kg	⊗		11/21/14 23:43	1
Dichlorodifluoromethane	ND		5.9		ug/Kg	⊗		11/21/14 23:43	1
Ethylbenzene	ND		2.4		ug/Kg	⊗		11/21/14 23:43	1
Hexachlorobutadiene	ND		5.9		ug/Kg	⊗		11/21/14 23:43	1
Isopropylbenzene	ND		2.4		ug/Kg	⊗		11/21/14 23:43	1
m,p-Xylene	ND		4.7		ug/Kg	⊗		11/21/14 23:43	1
Methylene Chloride	ND		24		ug/Kg	⊗		11/21/14 23:43	1
Methyl-t-Butyl Ether (MTBE)	ND		5.9		ug/Kg	⊗		11/21/14 23:43	1
Naphthalene	ND		5.9		ug/Kg	⊗		11/21/14 23:43	1
n-Butylbenzene	ND		5.9		ug/Kg	⊗		11/21/14 23:43	1
N-Propylbenzene	ND		2.4		ug/Kg	⊗		11/21/14 23:43	1
o-Xylene	ND		2.4		ug/Kg	⊗		11/21/14 23:43	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS018

Lab Sample ID: 440-94032-3

Date Collected: 11/21/14 15:00

Matrix: Solid

Date Received: 11/21/14 21:00

Percent Solids: 82.5

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		5.9		ug/Kg	⊗		11/21/14 23:43	1
Styrene	ND		2.4		ug/Kg	⊗		11/21/14 23:43	1
Tert-amyl-methyl ether (TAME)	ND		5.9		ug/Kg	⊗		11/21/14 23:43	1
tert-Butylbenzene	ND		5.9		ug/Kg	⊗		11/21/14 23:43	1
Tetrachloroethene	ND		2.4		ug/Kg	⊗		11/21/14 23:43	1
Toluene	ND		2.4		ug/Kg	⊗		11/21/14 23:43	1
trans-1,2-Dichloroethene	ND		2.4		ug/Kg	⊗		11/21/14 23:43	1
trans-1,3-Dichloropropene	ND		2.4		ug/Kg	⊗		11/21/14 23:43	1
Trichloroethene	ND		2.4		ug/Kg	⊗		11/21/14 23:43	1
Trichlorofluoromethane	ND		5.9		ug/Kg	⊗		11/21/14 23:43	1
Vinyl chloride	ND		5.9		ug/Kg	⊗		11/21/14 23:43	1
Xylenes, Total	ND		4.7		ug/Kg	⊗		11/21/14 23:43	1
Isopropyl Ether (DIPE)	ND		5.9		ug/Kg	⊗		11/21/14 23:43	1
Ethyl-t-butyl ether (ETBE)	ND		5.9		ug/Kg	⊗		11/21/14 23:43	1
tert-Butyl alcohol (TBA)	ND		120		ug/Kg	⊗		11/21/14 23:43	1
p-Isopropyltoluene	ND		2.4		ug/Kg	⊗		11/21/14 23:43	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	102			79 - 123				11/21/14 23:43	1
4-Bromofluorobenzene (Surr)	105			79 - 120				11/21/14 23:43	1
Dibromofluoromethane (Surr)	99			60 - 120				11/21/14 23:43	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		400		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
1,2-Dichlorobenzene	ND		400		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
1,2-Diphenylhydrazine(as Azobenzene)	ND		400		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
1,3-Dichlorobenzene	ND		400		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
1,4-Dichlorobenzene	ND		400		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
2,4,5-Trichlorophenol	ND		400		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
2,4,6-Trichlorophenol	ND		400		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
2,4-Dichlorophenol	ND		400		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
2,4-Dimethylphenol	ND		400		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
2,4-Dinitrophenol	ND		790		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
2,4-Dinitrotoluene	ND		400		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
2,6-Dinitrotoluene	ND		400		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
2-Chloronaphthalene	ND		400		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
2-Chlorophenol	ND		400		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
2-Methylnaphthalene	ND		400		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
2-Methylphenol	ND		400		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
2-Nitroaniline	ND		400		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
2-Nitrophenol	ND		400		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
3,3'-Dichlorobenzidine	ND		1000		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
3-Nitroaniline	ND		400		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
4,6-Dinitro-2-methylphenol	ND		510		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
4-Bromophenyl phenyl ether	ND		400		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
4-Chloro-3-methylphenol	ND		400		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
4-Chloroaniline	ND		400		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
4-Chlorophenyl phenyl ether	ND		400		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS018

Lab Sample ID: 440-94032-3

Date Collected: 11/21/14 15:00

Matrix: Solid

Date Received: 11/21/14 21:00

Percent Solids: 82.5

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Methylphenol + 4-Methylphenol	ND		400		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
4-Nitroaniline	ND		1000		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
4-Nitrophenol	ND		1000		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
Acenaphthene	ND		400		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
Acenaphthylene	ND		400		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
Aniline	ND		510		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
Anthracene	ND		400		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
Benzidine	ND *		1600		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
Benzo[a]anthracene	ND		400		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
Benzo[a]pyrene	ND *		400		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
Benzo[b]fluoranthene	ND *		400		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
Benzo[g,h,i]perylene	ND *		400		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
Benzo[k]fluoranthene	ND *		400		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
Benzoic acid	ND		1000		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
Benzyl alcohol	ND		400		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
Bis(2-chloroethoxy)methane	ND		400		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
Bis(2-chloroethyl)ether	ND		400		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
Bis(2-ethylhexyl) phthalate	ND		400		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
Butyl benzyl phthalate	ND		400		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
Chrysene	ND		400		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
Dibenz(a,h)anthracene	ND *		510		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
Dibenzofuran	ND		400		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
Diethyl phthalate	ND		400		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
Dimethyl phthalate	ND		400		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
Di-n-butyl phthalate	ND		400		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
Di-n-octyl phthalate	ND		400		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
Fluoranthene	ND		400		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
Fluorene	ND		400		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
Hexachlorobenzene	ND		400		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
Hexachlorobutadiene	ND		400		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
Hexachlorocyclopentadiene	ND		1000		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
Hexachloroethane	ND		400		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
Indeno[1,2,3-cd]pyrene	ND *		400		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
Isophorone	ND		400		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
Naphthalene	ND		400		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
Nitrobenzene	ND		400		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
N-Nitrosodi-n-propylamine	ND		300		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
N-Nitrosodiphenylamine	ND		400		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
Pentachlorophenol	ND		1000		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
Phenanthrene	ND		400		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
Phenol	ND		400		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
Pyrene	ND		400		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
bis (2-chloroisopropyl) ether	ND		400		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
N-Nitrosodimethylamine	ND		400		ug/Kg	⊗	11/21/14 21:53	11/22/14 04:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	61		35 - 120				11/21/14 21:53	11/22/14 04:59	1
2-Fluorophenol (Surr)	56		25 - 120				11/21/14 21:53	11/22/14 04:59	1
2,4,6-Tribromophenol (Surr)	64		35 - 125				11/21/14 21:53	11/22/14 04:59	1
Nitrobenzene-d5 (Surr)	53		30 - 120				11/21/14 21:53	11/22/14 04:59	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS018

Lab Sample ID: 440-94032-3

Date Collected: 11/21/14 15:00
 Date Received: 11/21/14 21:00

Matrix: Solid

Percent Solids: 82.5

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14 (Surr)	60		40 - 135	11/21/14 21:53	11/22/14 04:59	1
Phenol-d6 (Surr)	56		35 - 120	11/21/14 21:53	11/22/14 04:59	1

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		480		ug/Kg	⊗		11/21/14 23:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		65 - 140					11/21/14 23:29	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
C13-C22	17		5.9		mg/Kg	⊗	11/21/14 21:51	11/22/14 04:21	1	
C23-C40	93		5.9		mg/Kg	⊗	11/21/14 21:51	11/22/14 04:21	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
n-Octacosane	40		40 - 140					11/21/14 21:51	11/22/14 04:21	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		12		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:18	5
Arsenic	11		3.6		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:18	5
Barium	160		1.8		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:18	5
Beryllium	0.71		0.60		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:18	5
Cadmium	1.5		0.60		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:18	5
Chromium	43		1.2		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:18	5
Cobalt	8.1		1.2		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:18	5
Copper	37		2.4		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:18	5
Lead	23		2.4		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:18	5
Molybdenum	3.0		2.4		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:18	5
Nickel	44		2.4		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:18	5
Selenium	ND		3.6		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:18	5
Thallium	ND		12		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:18	5
Vanadium	67		1.2		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:18	5
Zinc	85		6.0		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:18	5
Silver	ND		1.8		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:18	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.024		mg/Kg	⊗	11/21/14 22:02	11/22/14 07:08	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	17		0.10		%			12/17/14 16:13	1
Percent Solids	83		0.10		%			12/17/14 16:13	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS017

Lab Sample ID: 440-94032-4

Date Collected: 11/21/14 15:20

Matrix: Solid

Date Received: 11/21/14 21:00

Percent Solids: 96.3

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.1		ug/Kg	⊗		11/22/14 10:28	1
1,1,1-Trichloroethane	ND		2.1		ug/Kg	⊗		11/22/14 10:28	1
1,1,2,2-Tetrachloroethane	ND		2.1		ug/Kg	⊗		11/22/14 10:28	1
1,1,2-Trichloroethane	ND		2.1		ug/Kg	⊗		11/22/14 10:28	1
1,1-Dichloroethane	ND		2.1		ug/Kg	⊗		11/22/14 10:28	1
1,1-Dichloroethene	ND		5.1		ug/Kg	⊗		11/22/14 10:28	1
1,1-Dichloropropene	ND		2.1		ug/Kg	⊗		11/22/14 10:28	1
1,2,3-Trichlorobenzene	ND		5.1		ug/Kg	⊗		11/22/14 10:28	1
1,2,3-Trichloropropane	ND		10		ug/Kg	⊗		11/22/14 10:28	1
1,2,4-Trichlorobenzene	ND		5.1		ug/Kg	⊗		11/22/14 10:28	1
1,2,4-Trimethylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 10:28	1
1,2-Dibromo-3-Chloropropane	ND		5.1		ug/Kg	⊗		11/22/14 10:28	1
1,2-Dibromoethane (EDB)	ND		2.1		ug/Kg	⊗		11/22/14 10:28	1
1,2-Dichlorobenzene	ND		2.1		ug/Kg	⊗		11/22/14 10:28	1
1,2-Dichloroethane	ND		2.1		ug/Kg	⊗		11/22/14 10:28	1
1,2-Dichloropropene	ND		2.1		ug/Kg	⊗		11/22/14 10:28	1
1,3,5-Trimethylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 10:28	1
1,3-Dichlorobenzene	ND		2.1		ug/Kg	⊗		11/22/14 10:28	1
1,3-Dichloropropane	ND		2.1		ug/Kg	⊗		11/22/14 10:28	1
1,4-Dichlorobenzene	ND		2.1		ug/Kg	⊗		11/22/14 10:28	1
2,2-Dichloropropane	ND		2.1		ug/Kg	⊗		11/22/14 10:28	1
2-Chlorotoluene	ND		5.1		ug/Kg	⊗		11/22/14 10:28	1
4-Chlorotoluene	ND		5.1		ug/Kg	⊗		11/22/14 10:28	1
Benzene	ND		2.1		ug/Kg	⊗		11/22/14 10:28	1
Bromobenzene	ND		5.1		ug/Kg	⊗		11/22/14 10:28	1
Bromochloromethane	ND		5.1		ug/Kg	⊗		11/22/14 10:28	1
Bromodichloromethane	ND		2.1		ug/Kg	⊗		11/22/14 10:28	1
Bromoform	ND		5.1		ug/Kg	⊗		11/22/14 10:28	1
Bromomethane	ND		5.1		ug/Kg	⊗		11/22/14 10:28	1
Carbon tetrachloride	ND		5.1		ug/Kg	⊗		11/22/14 10:28	1
Chlorobenzene	ND		2.1		ug/Kg	⊗		11/22/14 10:28	1
Chloroethane	ND		5.1		ug/Kg	⊗		11/22/14 10:28	1
Chloroform	ND		2.1		ug/Kg	⊗		11/22/14 10:28	1
Chloromethane	ND		5.1		ug/Kg	⊗		11/22/14 10:28	1
cis-1,2-Dichloroethene	ND		2.1		ug/Kg	⊗		11/22/14 10:28	1
cis-1,3-Dichloropropene	ND		2.1		ug/Kg	⊗		11/22/14 10:28	1
Dibromochloromethane	ND		2.1		ug/Kg	⊗		11/22/14 10:28	1
Dibromomethane	ND		2.1		ug/Kg	⊗		11/22/14 10:28	1
Dichlorodifluoromethane	ND		5.1		ug/Kg	⊗		11/22/14 10:28	1
Ethylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 10:28	1
Hexachlorobutadiene	ND		5.1		ug/Kg	⊗		11/22/14 10:28	1
Isopropylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 10:28	1
m,p-Xylene	ND		4.1		ug/Kg	⊗		11/22/14 10:28	1
Methylene Chloride	ND		21		ug/Kg	⊗		11/22/14 10:28	1
Methyl-t-Butyl Ether (MTBE)	ND		5.1		ug/Kg	⊗		11/22/14 10:28	1
Naphthalene	ND		5.1		ug/Kg	⊗		11/22/14 10:28	1
n-Butylbenzene	ND		5.1		ug/Kg	⊗		11/22/14 10:28	1
N-Propylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 10:28	1
o-Xylene	ND		2.1		ug/Kg	⊗		11/22/14 10:28	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS017

Lab Sample ID: 440-94032-4

Date Collected: 11/21/14 15:20

Matrix: Solid

Date Received: 11/21/14 21:00

Percent Solids: 96.3

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		5.1		ug/Kg	⊗		11/22/14 10:28	1
Styrene	ND		2.1		ug/Kg	⊗		11/22/14 10:28	1
Tert-amyl-methyl ether (TAME)	ND		5.1		ug/Kg	⊗		11/22/14 10:28	1
tert-Butylbenzene	ND		5.1		ug/Kg	⊗		11/22/14 10:28	1
Tetrachloroethene	ND		2.1		ug/Kg	⊗		11/22/14 10:28	1
Toluene	ND		2.1		ug/Kg	⊗		11/22/14 10:28	1
trans-1,2-Dichloroethene	ND		2.1		ug/Kg	⊗		11/22/14 10:28	1
trans-1,3-Dichloropropene	ND		2.1		ug/Kg	⊗		11/22/14 10:28	1
Trichloroethene	ND		2.1		ug/Kg	⊗		11/22/14 10:28	1
Trichlorofluoromethane	ND		5.1		ug/Kg	⊗		11/22/14 10:28	1
Vinyl chloride	ND		5.1		ug/Kg	⊗		11/22/14 10:28	1
Xylenes, Total	ND		4.1		ug/Kg	⊗		11/22/14 10:28	1
Isopropyl Ether (DIPE)	ND		5.1		ug/Kg	⊗		11/22/14 10:28	1
Ethyl-t-butyl ether (ETBE)	ND		5.1		ug/Kg	⊗		11/22/14 10:28	1
tert-Butyl alcohol (TBA)	ND		100		ug/Kg	⊗		11/22/14 10:28	1
p-Isopropyltoluene	ND		2.1		ug/Kg	⊗		11/22/14 10:28	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	103			79 - 123				11/22/14 10:28	1
4-Bromofluorobenzene (Surr)	97			79 - 120				11/22/14 10:28	1
Dibromofluoromethane (Surr)	119			60 - 120				11/22/14 10:28	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
1,2-Dichlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
1,2-Diphenylhydrazine(as Azobenzene)	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
1,3-Dichlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
1,4-Dichlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
2,4,5-Trichlorophenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
2,4,6-Trichlorophenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
2,4-Dichlorophenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
2,4-Dimethylphenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
2,4-Dinitrophenol	ND		680		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
2,4-Dinitrotoluene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
2,6-Dinitrotoluene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
2-Chloronaphthalene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
2-Chlorophenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
2-Methylnaphthalene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
2-Methylphenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
2-Nitroaniline	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
2-Nitrophenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
3,3'-Dichlorobenzidine	ND		860		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
3-Nitroaniline	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
4,6-Dinitro-2-methylphenol	ND		430		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
4-Bromophenyl phenyl ether	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
4-Chloro-3-methylphenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
4-Chloroaniline	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
4-Chlorophenyl phenyl ether	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS017

Lab Sample ID: 440-94032-4

Date Collected: 11/21/14 15:20

Matrix: Solid

Date Received: 11/21/14 21:00

Percent Solids: 96.3

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Methylphenol + 4-Methylphenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
4-Nitroaniline	ND		860		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
4-Nitrophenol	ND		860		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
Acenaphthene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
Acenaphthylene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
Aniline	ND		430		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
Anthracene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
Benzidine	ND *		1400		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
Benzo[a]anthracene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
Benzo[a]pyrene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
Benzo[b]fluoranthene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
Benzo[g,h,i]perylene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
Benzo[k]fluoranthene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
Benzoic acid	ND		860		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
Benzyl alcohol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
Bis(2-chloroethoxy)methane	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
Bis(2-chloroethyl)ether	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
Bis(2-ethylhexyl) phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
Butyl benzyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
Chrysene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
Dibenz(a,h)anthracene	ND		430		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
Dibenzo furan	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
Diethyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
Dimethyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
Di-n-butyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
Di-n-octyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
Fluoranthene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
Fluorene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
Hexachlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
Hexachlorobutadiene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
Hexachlorocyclopentadiene	ND		860		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
Hexachloroethane	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
Indeno[1,2,3-cd]pyrene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
Isophorone	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
Naphthalene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
Nitrobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
N-Nitrosodi-n-propylamine	ND		260		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
N-Nitrosodiphenylamine	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
Pentachlorophenol	ND		860		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
Phenanthrene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
Phenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
Pyrene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
bis (2-chloroisopropyl) ether	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
N-Nitrosodimethylamine	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	94		35 - 120				11/21/14 21:53	11/22/14 05:20	1
2-Fluorophenol (Surr)	85		25 - 120				11/21/14 21:53	11/22/14 05:20	1
2,4,6-Tribromophenol (Surr)	100		35 - 125				11/21/14 21:53	11/22/14 05:20	1
Nitrobenzene-d5 (Surr)	80		30 - 120				11/21/14 21:53	11/22/14 05:20	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS017

Lab Sample ID: 440-94032-4

Date Collected: 11/21/14 15:20

Matrix: Solid

Date Received: 11/21/14 21:00

Percent Solids: 96.3

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14 (Surr)	87		40 - 135	11/21/14 21:53	11/22/14 05:20	1
Phenol-d6 (Surr)	84		35 - 120	11/21/14 21:53	11/22/14 05:20	1

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		400		ug/Kg	⊗		11/21/14 23:57	1
Surrogate	%Recovery	Qualifier	Limits			⊗	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		65 - 140					11/21/14 23:57	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	10		5.1		mg/Kg	⊗	11/21/14 21:51	11/22/14 06:40	1
C23-C40	56		5.1		mg/Kg	⊗	11/21/14 21:51	11/22/14 06:40	1
Surrogate	%Recovery	Qualifier	Limits			⊗	Prepared	Analyzed	Dil Fac
n-Octacosane	48		40 - 140					11/21/14 21:51	11/22/14 06:40

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:20	5
Arsenic	13		3.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:20	5
Barium	170		1.5		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:20	5
Beryllium	0.74		0.52		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:20	5
Cadmium	1.6		0.52		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:20	5
Chromium	45		1.0		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:20	5
Cobalt	8.4		1.0		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:20	5
Copper	39		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:20	5
Lead	32		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:20	5
Molybdenum	2.7		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:20	5
Nickel	45		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:20	5
Selenium	ND		3.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:20	5
Thallium	ND		10		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:20	5
Vanadium	68		1.0		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:20	5
Zinc	99		5.2		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:20	5
Silver	ND		1.5		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:20	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.021		0.021		mg/Kg	⊗	11/21/14 22:02	11/22/14 07:10	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	3.7		0.10	%			12/17/14 16:13	1
Percent Solids	96		0.10	%			12/17/14 16:13	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS016
Date Collected: 11/21/14 15:40
Date Received: 11/21/14 21:00

Lab Sample ID: 440-94032-5
Matrix: Solid
Percent Solids: 92.4

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.4		ug/Kg	⊗		11/21/14 23:04	1
1,1,1-Trichloroethane	ND		2.2		ug/Kg	⊗		11/21/14 23:04	1
1,1,2,2-Tetrachloroethane	ND		2.2		ug/Kg	⊗		11/21/14 23:04	1
1,1,2-Trichloroethane	ND		2.2		ug/Kg	⊗		11/21/14 23:04	1
1,1-Dichloroethane	ND		2.2		ug/Kg	⊗		11/21/14 23:04	1
1,1-Dichloroethene	ND		5.4		ug/Kg	⊗		11/21/14 23:04	1
1,1-Dichloropropene	ND		2.2		ug/Kg	⊗		11/21/14 23:04	1
1,2,3-Trichlorobenzene	ND		5.4		ug/Kg	⊗		11/21/14 23:04	1
1,2,3-Trichloropropane	ND		11		ug/Kg	⊗		11/21/14 23:04	1
1,2,4-Trichlorobenzene	ND		5.4		ug/Kg	⊗		11/21/14 23:04	1
1,2,4-Trimethylbenzene	ND		2.2		ug/Kg	⊗		11/21/14 23:04	1
1,2-Dibromo-3-Chloropropane	ND		5.4		ug/Kg	⊗		11/21/14 23:04	1
1,2-Dibromoethane (EDB)	ND		2.2		ug/Kg	⊗		11/21/14 23:04	1
1,2-Dichlorobenzene	ND		2.2		ug/Kg	⊗		11/21/14 23:04	1
1,2-Dichloroethane	ND		2.2		ug/Kg	⊗		11/21/14 23:04	1
1,2-Dichloropropene	ND		2.2		ug/Kg	⊗		11/21/14 23:04	1
1,3,5-Trimethylbenzene	ND		2.2		ug/Kg	⊗		11/21/14 23:04	1
1,3-Dichlorobenzene	ND		2.2		ug/Kg	⊗		11/21/14 23:04	1
1,3-Dichloropropane	ND		2.2		ug/Kg	⊗		11/21/14 23:04	1
1,4-Dichlorobenzene	ND		2.2		ug/Kg	⊗		11/21/14 23:04	1
2,2-Dichloropropane	ND		2.2		ug/Kg	⊗		11/21/14 23:04	1
2-Chlorotoluene	ND		5.4		ug/Kg	⊗		11/21/14 23:04	1
4-Chlorotoluene	ND		5.4		ug/Kg	⊗		11/21/14 23:04	1
Benzene	ND		2.2		ug/Kg	⊗		11/21/14 23:04	1
Bromobenzene	ND		5.4		ug/Kg	⊗		11/21/14 23:04	1
Bromochloromethane	ND		5.4		ug/Kg	⊗		11/21/14 23:04	1
Bromodichloromethane	ND		2.2		ug/Kg	⊗		11/21/14 23:04	1
Bromoform	ND		5.4		ug/Kg	⊗		11/21/14 23:04	1
Bromomethane	ND		5.4		ug/Kg	⊗		11/21/14 23:04	1
Carbon tetrachloride	ND		5.4		ug/Kg	⊗		11/21/14 23:04	1
Chlorobenzene	ND		2.2		ug/Kg	⊗		11/21/14 23:04	1
Chloroethane	ND		5.4		ug/Kg	⊗		11/21/14 23:04	1
Chloroform	ND		2.2		ug/Kg	⊗		11/21/14 23:04	1
Chloromethane	ND		5.4		ug/Kg	⊗		11/21/14 23:04	1
cis-1,2-Dichloroethene	ND		2.2		ug/Kg	⊗		11/21/14 23:04	1
cis-1,3-Dichloropropene	ND		2.2		ug/Kg	⊗		11/21/14 23:04	1
Dibromochloromethane	ND		2.2		ug/Kg	⊗		11/21/14 23:04	1
Dibromomethane	ND		2.2		ug/Kg	⊗		11/21/14 23:04	1
Dichlorodifluoromethane	ND		5.4		ug/Kg	⊗		11/21/14 23:04	1
Ethylbenzene	ND		2.2		ug/Kg	⊗		11/21/14 23:04	1
Hexachlorobutadiene	ND		5.4		ug/Kg	⊗		11/21/14 23:04	1
Isopropylbenzene	ND		2.2		ug/Kg	⊗		11/21/14 23:04	1
m,p-Xylene	ND		4.3		ug/Kg	⊗		11/21/14 23:04	1
Methylene Chloride	ND		22		ug/Kg	⊗		11/21/14 23:04	1
Methyl-t-Butyl Ether (MTBE)	ND		5.4		ug/Kg	⊗		11/21/14 23:04	1
Naphthalene	ND		5.4		ug/Kg	⊗		11/21/14 23:04	1
n-Butylbenzene	ND		5.4		ug/Kg	⊗		11/21/14 23:04	1
N-Propylbenzene	ND		2.2		ug/Kg	⊗		11/21/14 23:04	1
o-Xylene	ND		2.2		ug/Kg	⊗		11/21/14 23:04	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS016

Lab Sample ID: 440-94032-5

Date Collected: 11/21/14 15:40

Matrix: Solid

Date Received: 11/21/14 21:00

Percent Solids: 92.4

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		5.4		ug/Kg	⊗		11/21/14 23:04	1
Styrene	ND		2.2		ug/Kg	⊗		11/21/14 23:04	1
Tert-amyl-methyl ether (TAME)	ND		5.4		ug/Kg	⊗		11/21/14 23:04	1
tert-Butylbenzene	ND		5.4		ug/Kg	⊗		11/21/14 23:04	1
Tetrachloroethene	ND		2.2		ug/Kg	⊗		11/21/14 23:04	1
Toluene	ND		2.2		ug/Kg	⊗		11/21/14 23:04	1
trans-1,2-Dichloroethene	ND		2.2		ug/Kg	⊗		11/21/14 23:04	1
trans-1,3-Dichloropropene	ND		2.2		ug/Kg	⊗		11/21/14 23:04	1
Trichloroethene	ND		2.2		ug/Kg	⊗		11/21/14 23:04	1
Trichlorofluoromethane	ND		5.4		ug/Kg	⊗		11/21/14 23:04	1
Vinyl chloride	ND		5.4		ug/Kg	⊗		11/21/14 23:04	1
Xylenes, Total	ND		4.3		ug/Kg	⊗		11/21/14 23:04	1
Isopropyl Ether (DIPE)	ND		5.4		ug/Kg	⊗		11/21/14 23:04	1
Ethyl-t-butyl ether (ETBE)	ND		5.4		ug/Kg	⊗		11/21/14 23:04	1
tert-Butyl alcohol (TBA)	ND		110		ug/Kg	⊗		11/21/14 23:04	1
p-Isopropyltoluene	ND		2.2		ug/Kg	⊗		11/21/14 23:04	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99			79 - 123				11/21/14 23:04	1
4-Bromofluorobenzene (Surr)	92			79 - 120				11/21/14 23:04	1
Dibromofluoromethane (Surr)	108			60 - 120				11/21/14 23:04	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
1,2-Dichlorobenzene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
1,2-Diphenylhydrazine(as Azobenzene)	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
1,3-Dichlorobenzene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
1,4-Dichlorobenzene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
2,4,5-Trichlorophenol	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
2,4,6-Trichlorophenol	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
2,4-Dichlorophenol	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
2,4-Dimethylphenol	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
2,4-Dinitrophenol	ND		710		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
2,4-Dinitrotoluene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
2,6-Dinitrotoluene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
2-Chloronaphthalene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
2-Chlorophenol	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
2-Methylnaphthalene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
2-Methylphenol	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
2-Nitroaniline	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
2-Nitrophenol	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
3,3'-Dichlorobenzidine	ND		890		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
3-Nitroaniline	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
4,6-Dinitro-2-methylphenol	ND		450		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
4-Bromophenyl phenyl ether	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
4-Chloro-3-methylphenol	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
4-Chloroaniline	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
4-Chlorophenyl phenyl ether	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS016

Lab Sample ID: 440-94032-5

Date Collected: 11/21/14 15:40

Matrix: Solid

Date Received: 11/21/14 21:00

Percent Solids: 92.4

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Methylphenol + 4-Methylphenol	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
4-Nitroaniline	ND		890		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
4-Nitrophenol	ND		890		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
Acenaphthene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
Acenaphthylene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
Aniline	ND		450		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
Anthracene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
Benzidine	ND *		1400		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
Benzo[a]anthracene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
Benzo[a]pyrene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
Benzo[b]fluoranthene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
Benzo[g,h,i]perylene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
Benzo[k]fluoranthene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
Benzoic acid	ND		890		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
Benzyl alcohol	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
Bis(2-chloroethoxy)methane	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
Bis(2-chloroethyl)ether	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
Bis(2-ethylhexyl) phthalate	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
Butyl benzyl phthalate	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
Chrysene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
Dibenz(a,h)anthracene	ND		450		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
Dibenzo furan	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
Diethyl phthalate	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
Dimethyl phthalate	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
Di-n-butyl phthalate	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
Di-n-octyl phthalate	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
Fluoranthene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
Fluorene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
Hexachlorobenzene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
Hexachlorobutadiene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
Hexachlorocyclopentadiene	ND		890		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
Hexachloroethane	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
Indeno[1,2,3-cd]pyrene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
Isophorone	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
Naphthalene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
Nitrobenzene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
N-Nitrosodi-n-propylamine	ND		270		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
N-Nitrosodiphenylamine	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
Pentachlorophenol	ND		890		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
Phenanthrene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
Phenol	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
Pyrene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
bis (2-chloroisopropyl) ether	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
N-Nitrosodimethylamine	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 03:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	74		35 - 120				11/21/14 21:53	11/22/14 03:14	1
2-Fluorophenol (Surr)	70		25 - 120				11/21/14 21:53	11/22/14 03:14	1
2,4,6-Tribromophenol (Surr)	81		35 - 125				11/21/14 21:53	11/22/14 03:14	1
Nitrobenzene-d5 (Surr)	67		30 - 120				11/21/14 21:53	11/22/14 03:14	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS016

Lab Sample ID: 440-94032-5

Date Collected: 11/21/14 15:40

Matrix: Solid

Date Received: 11/21/14 21:00

Percent Solids: 92.4

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14 (Surr)	57		40 - 135	11/21/14 21:53	11/22/14 03:14	1
Phenol-d6 (Surr)	71		35 - 120	11/21/14 21:53	11/22/14 03:14	1

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		410		ug/Kg	⊗		11/22/14 00:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		65 - 140					11/22/14 00:25	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.3		mg/Kg	⊗	11/21/14 21:51	11/22/14 08:45	1
C23-C40	30		5.3		mg/Kg	⊗	11/21/14 21:51	11/22/14 08:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
n-Octacosane	44		40 - 140				11/21/14 21:51	11/22/14 08:45	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:08	5
Arsenic	6.1		3.2		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:08	5
Barium	150		1.6		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:08	5
Beryllium	0.70		0.54		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:08	5
Cadmium	1.4		0.54		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:08	5
Chromium	35		1.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:08	5
Cobalt	7.2		1.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:08	5
Copper	31		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:08	5
Lead	9.4		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:08	5
Molybdenum	2.9		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:08	5
Nickel	36		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:08	5
Selenium	ND		3.2		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:08	5
Thallium	ND		11		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:08	5
Vanadium	56		1.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:08	5
Zinc	79		5.4		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:08	5
Silver	ND		1.6		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:08	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.025		0.022		mg/Kg	⊗	11/21/14 22:02	11/22/14 06:55	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	7.6		0.10	%			12/17/14 16:13	1
Percent Solids	92		0.10	%			12/17/14 16:13	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS001

Lab Sample ID: 440-94032-10

Date Collected: 11/21/14 13:33
 Date Received: 11/21/14 21:00

Matrix: Solid

Percent Solids: 95.3

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg	⊗		11/22/14 00:40	1
1,1,1-Trichloroethane	ND		2.0		ug/Kg	⊗		11/22/14 00:40	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg	⊗		11/22/14 00:40	1
1,1,2-Trichloroethane	ND		2.0		ug/Kg	⊗		11/22/14 00:40	1
1,1-Dichloroethane	ND		2.0		ug/Kg	⊗		11/22/14 00:40	1
1,1-Dichloroethene	ND		5.0		ug/Kg	⊗		11/22/14 00:40	1
1,1-Dichloropropene	ND		2.0		ug/Kg	⊗		11/22/14 00:40	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg	⊗		11/22/14 00:40	1
1,2,3-Trichloropropane	ND		10		ug/Kg	⊗		11/22/14 00:40	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg	⊗		11/22/14 00:40	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg	⊗		11/22/14 00:40	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/Kg	⊗		11/22/14 00:40	1
1,2-Dibromoethane (EDB)	ND		2.0		ug/Kg	⊗		11/22/14 00:40	1
1,2-Dichlorobenzene	ND		2.0		ug/Kg	⊗		11/22/14 00:40	1
1,2-Dichloroethane	ND		2.0		ug/Kg	⊗		11/22/14 00:40	1
1,2-Dichloropropene	ND		2.0		ug/Kg	⊗		11/22/14 00:40	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg	⊗		11/22/14 00:40	1
1,3-Dichlorobenzene	ND		2.0		ug/Kg	⊗		11/22/14 00:40	1
1,3-Dichloropropane	ND		2.0		ug/Kg	⊗		11/22/14 00:40	1
1,4-Dichlorobenzene	ND		2.0		ug/Kg	⊗		11/22/14 00:40	1
2,2-Dichloropropane	ND		2.0		ug/Kg	⊗		11/22/14 00:40	1
2-Chlorotoluene	ND		5.0		ug/Kg	⊗		11/22/14 00:40	1
4-Chlorotoluene	ND		5.0		ug/Kg	⊗		11/22/14 00:40	1
Benzene	ND		2.0		ug/Kg	⊗		11/22/14 00:40	1
Bromobenzene	ND		5.0		ug/Kg	⊗		11/22/14 00:40	1
Bromochloromethane	ND		5.0		ug/Kg	⊗		11/22/14 00:40	1
Bromodichloromethane	ND		2.0		ug/Kg	⊗		11/22/14 00:40	1
Bromoform	ND		5.0		ug/Kg	⊗		11/22/14 00:40	1
Bromomethane	ND		5.0		ug/Kg	⊗		11/22/14 00:40	1
Carbon tetrachloride	ND		5.0		ug/Kg	⊗		11/22/14 00:40	1
Chlorobenzene	ND		2.0		ug/Kg	⊗		11/22/14 00:40	1
Chloroethane	ND		5.0		ug/Kg	⊗		11/22/14 00:40	1
Chloroform	ND		2.0		ug/Kg	⊗		11/22/14 00:40	1
Chloromethane	ND		5.0		ug/Kg	⊗		11/22/14 00:40	1
cis-1,2-Dichloroethene	ND		2.0		ug/Kg	⊗		11/22/14 00:40	1
cis-1,3-Dichloropropene	ND		2.0		ug/Kg	⊗		11/22/14 00:40	1
Dibromochloromethane	ND		2.0		ug/Kg	⊗		11/22/14 00:40	1
Dibromomethane	ND		2.0		ug/Kg	⊗		11/22/14 00:40	1
Dichlorodifluoromethane	ND		5.0		ug/Kg	⊗		11/22/14 00:40	1
Ethylbenzene	ND		2.0		ug/Kg	⊗		11/22/14 00:40	1
Hexachlorobutadiene	ND		5.0		ug/Kg	⊗		11/22/14 00:40	1
Isopropylbenzene	ND		2.0		ug/Kg	⊗		11/22/14 00:40	1
m,p-Xylene	ND		4.0		ug/Kg	⊗		11/22/14 00:40	1
Methylene Chloride	ND		20		ug/Kg	⊗		11/22/14 00:40	1
Methyl-t-Butyl Ether (MTBE)	ND		5.0		ug/Kg	⊗		11/22/14 00:40	1
Naphthalene	ND		5.0		ug/Kg	⊗		11/22/14 00:40	1
n-Butylbenzene	ND		5.0		ug/Kg	⊗		11/22/14 00:40	1
N-Propylbenzene	ND		2.0		ug/Kg	⊗		11/22/14 00:40	1
o-Xylene	ND		2.0		ug/Kg	⊗		11/22/14 00:40	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS001

Date Collected: 11/21/14 13:33

Date Received: 11/21/14 21:00

Lab Sample ID: 440-94032-10

Matrix: Solid

Percent Solids: 95.3

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		5.0		ug/Kg	⊗		11/22/14 00:40	1
Styrene	ND		2.0		ug/Kg	⊗		11/22/14 00:40	1
Tert-amyl-methyl ether (TAME)	ND		5.0		ug/Kg	⊗		11/22/14 00:40	1
tert-Butylbenzene	ND		5.0		ug/Kg	⊗		11/22/14 00:40	1
Tetrachloroethene	ND		2.0		ug/Kg	⊗		11/22/14 00:40	1
Toluene	ND		2.0		ug/Kg	⊗		11/22/14 00:40	1
trans-1,2-Dichloroethene	ND		2.0		ug/Kg	⊗		11/22/14 00:40	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg	⊗		11/22/14 00:40	1
Trichloroethene	ND		2.0		ug/Kg	⊗		11/22/14 00:40	1
Trichlorofluoromethane	ND		5.0		ug/Kg	⊗		11/22/14 00:40	1
Vinyl chloride	ND		5.0		ug/Kg	⊗		11/22/14 00:40	1
Xylenes, Total	ND		4.0		ug/Kg	⊗		11/22/14 00:40	1
Isopropyl Ether (DIPE)	ND		5.0		ug/Kg	⊗		11/22/14 00:40	1
Ethyl-t-butyl ether (ETBE)	ND		5.0		ug/Kg	⊗		11/22/14 00:40	1
tert-Butyl alcohol (TBA)	ND		100		ug/Kg	⊗		11/22/14 00:40	1
p-Isopropyltoluene	ND		2.0		ug/Kg	⊗		11/22/14 00:40	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	103			79 - 123				11/22/14 00:40	1
4-Bromofluorobenzene (Surr)	103			79 - 120				11/22/14 00:40	1
Dibromofluoromethane (Surr)	99			60 - 120				11/22/14 00:40	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
1,2-Dichlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
1,2-Diphenylhydrazine(as Azobenzene)	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
1,3-Dichlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
1,4-Dichlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
2,4,5-Trichlorophenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
2,4,6-Trichlorophenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
2,4-Dichlorophenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
2,4-Dimethylphenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
2,4-Dinitrophenol	ND		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
2,4-Dinitrotoluene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
2,6-Dinitrotoluene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
2-Chloronaphthalene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
2-Chlorophenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
2-Methylnaphthalene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
2-Methylphenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
2-Nitroaniline	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
2-Nitrophenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
3,3'-Dichlorobenzidine	ND		860		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
3-Nitroaniline	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
4,6-Dinitro-2-methylphenol	ND		440		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
4-Bromophenyl phenyl ether	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
4-Chloro-3-methylphenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
4-Chloroaniline	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
4-Chlorophenyl phenyl ether	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS001

Lab Sample ID: 440-94032-10

Date Collected: 11/21/14 13:33

Matrix: Solid

Date Received: 11/21/14 21:00

Percent Solids: 95.3

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Methylphenol + 4-Methylphenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
4-Nitroaniline	ND		860		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
4-Nitrophenol	ND		860		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
Acenaphthene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
Acenaphthylene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
Aniline	ND		440		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
Anthracene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
Benzidine	ND *		1400		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
Benzo[a]anthracene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
Benzo[a]pyrene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
Benzo[b]fluoranthene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
Benzo[g,h,i]perylene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
Benzo[k]fluoranthene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
Benzoic acid	ND		860		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
Benzyl alcohol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
Bis(2-chloroethoxy)methane	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
Bis(2-chloroethyl)ether	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
Bis(2-ethylhexyl) phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
Butyl benzyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
Chrysene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
Dibenz(a,h)anthracene	ND		440		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
Dibenzofuran	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
Diethyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
Dimethyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
Di-n-butyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
Di-n-octyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
Fluoranthene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
Fluorene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
Hexachlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
Hexachlorobutadiene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
Hexachlorocyclopentadiene	ND		860		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
Hexachloroethane	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
Indeno[1,2,3-cd]pyrene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
Isophorone	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
Naphthalene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
Nitrobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
N-Nitrosodi-n-propylamine	ND		260		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
N-Nitrosodiphenylamine	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
Pentachlorophenol	ND		860		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
Phenanthrene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
Phenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
Pyrene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
bis (2-chloroisopropyl) ether	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
N-Nitrosodimethylamine	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 05:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	88		35 - 120				11/21/14 21:53	11/22/14 05:41	1
2-Fluorophenol (Surr)	82		25 - 120				11/21/14 21:53	11/22/14 05:41	1
2,4,6-Tribromophenol (Surr)	96		35 - 125				11/21/14 21:53	11/22/14 05:41	1
Nitrobenzene-d5 (Surr)	77		30 - 120				11/21/14 21:53	11/22/14 05:41	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS001

Lab Sample ID: 440-94032-10

Date Collected: 11/21/14 13:33

Matrix: Solid

Date Received: 11/21/14 21:00

Percent Solids: 95.3

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14 (Surr)	82		40 - 135	11/21/14 21:53	11/22/14 05:41	1
Phenol-d6 (Surr)	81		35 - 120	11/21/14 21:53	11/22/14 05:41	1

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		400		ug/Kg	⊗		11/22/14 01:48	1
Surrogate	%Recovery	Qualifier	Limits			⊗	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		65 - 140					11/22/14 01:48	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	8.9		5.1		mg/Kg	⊗	11/21/14 21:51	11/22/14 07:20	1
C23-C40	45		5.1		mg/Kg	⊗	11/21/14 21:51	11/22/14 07:20	1
Surrogate	%Recovery	Qualifier	Limits			⊗	Prepared	Analyzed	Dil Fac
n-Octacosane	47		40 - 140				11/21/14 21:51	11/22/14 07:20	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:21	5
Arsenic	5.6		3.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:21	5
Barium	100		1.6		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:21	5
Beryllium	ND		0.52		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:21	5
Cadmium	0.72		0.52		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:21	5
Chromium	23		1.0		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:21	5
Cobalt	5.5		1.0		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:21	5
Copper	40		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:21	5
Lead	12		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:21	5
Molybdenum	ND		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:21	5
Nickel	20		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:21	5
Selenium	ND		3.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:21	5
Thallium	ND		10		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:21	5
Vanadium	37		1.0		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:21	5
Zinc	96		5.2		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:21	5
Silver	ND		1.6		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:21	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.021		mg/Kg	⊗	11/21/14 22:02	11/22/14 07:18	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	4.7		0.10		%			12/17/14 16:13	1
Percent Solids	95		0.10		%			12/17/14 16:13	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS012

Lab Sample ID: 440-94032-11

Date Collected: 11/21/14 14:27
 Date Received: 11/21/14 21:00

Matrix: Solid

Percent Solids: 95.0

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.3		ug/Kg	⊗		11/22/14 01:09	1
1,1,1-Trichloroethane	ND		2.1		ug/Kg	⊗		11/22/14 01:09	1
1,1,2,2-Tetrachloroethane	ND		2.1		ug/Kg	⊗		11/22/14 01:09	1
1,1,2-Trichloroethane	ND		2.1		ug/Kg	⊗		11/22/14 01:09	1
1,1-Dichloroethane	ND		2.1		ug/Kg	⊗		11/22/14 01:09	1
1,1-Dichloroethene	ND		5.3		ug/Kg	⊗		11/22/14 01:09	1
1,1-Dichloropropene	ND		2.1		ug/Kg	⊗		11/22/14 01:09	1
1,2,3-Trichlorobenzene	ND		5.3		ug/Kg	⊗		11/22/14 01:09	1
1,2,3-Trichloropropane	ND		11		ug/Kg	⊗		11/22/14 01:09	1
1,2,4-Trichlorobenzene	ND		5.3		ug/Kg	⊗		11/22/14 01:09	1
1,2,4-Trimethylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 01:09	1
1,2-Dibromo-3-Chloropropane	ND		5.3		ug/Kg	⊗		11/22/14 01:09	1
1,2-Dibromoethane (EDB)	ND		2.1		ug/Kg	⊗		11/22/14 01:09	1
1,2-Dichlorobenzene	ND		2.1		ug/Kg	⊗		11/22/14 01:09	1
1,2-Dichloroethane	ND		2.1		ug/Kg	⊗		11/22/14 01:09	1
1,2-Dichloropropene	ND		2.1		ug/Kg	⊗		11/22/14 01:09	1
1,3,5-Trimethylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 01:09	1
1,3-Dichlorobenzene	ND		2.1		ug/Kg	⊗		11/22/14 01:09	1
1,3-Dichloropropane	ND		2.1		ug/Kg	⊗		11/22/14 01:09	1
1,4-Dichlorobenzene	ND		2.1		ug/Kg	⊗		11/22/14 01:09	1
2,2-Dichloropropane	ND		2.1		ug/Kg	⊗		11/22/14 01:09	1
2-Chlorotoluene	ND		5.3		ug/Kg	⊗		11/22/14 01:09	1
4-Chlorotoluene	ND		5.3		ug/Kg	⊗		11/22/14 01:09	1
Benzene	ND		2.1		ug/Kg	⊗		11/22/14 01:09	1
Bromobenzene	ND		5.3		ug/Kg	⊗		11/22/14 01:09	1
Bromochloromethane	ND		5.3		ug/Kg	⊗		11/22/14 01:09	1
Bromodichloromethane	ND		2.1		ug/Kg	⊗		11/22/14 01:09	1
Bromoform	ND		5.3		ug/Kg	⊗		11/22/14 01:09	1
Bromomethane	ND		5.3		ug/Kg	⊗		11/22/14 01:09	1
Carbon tetrachloride	ND		5.3		ug/Kg	⊗		11/22/14 01:09	1
Chlorobenzene	ND		2.1		ug/Kg	⊗		11/22/14 01:09	1
Chloroethane	ND		5.3		ug/Kg	⊗		11/22/14 01:09	1
Chloroform	ND		2.1		ug/Kg	⊗		11/22/14 01:09	1
Chloromethane	ND		5.3		ug/Kg	⊗		11/22/14 01:09	1
cis-1,2-Dichloroethene	ND		2.1		ug/Kg	⊗		11/22/14 01:09	1
cis-1,3-Dichloropropene	ND		2.1		ug/Kg	⊗		11/22/14 01:09	1
Dibromochloromethane	ND		2.1		ug/Kg	⊗		11/22/14 01:09	1
Dibromomethane	ND		2.1		ug/Kg	⊗		11/22/14 01:09	1
Dichlorodifluoromethane	ND		5.3		ug/Kg	⊗		11/22/14 01:09	1
Ethylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 01:09	1
Hexachlorobutadiene	ND		5.3		ug/Kg	⊗		11/22/14 01:09	1
Isopropylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 01:09	1
m,p-Xylene	ND		4.3		ug/Kg	⊗		11/22/14 01:09	1
Methylene Chloride	ND		21		ug/Kg	⊗		11/22/14 01:09	1
Methyl-t-Butyl Ether (MTBE)	ND		5.3		ug/Kg	⊗		11/22/14 01:09	1
Naphthalene	ND		5.3		ug/Kg	⊗		11/22/14 01:09	1
n-Butylbenzene	ND		5.3		ug/Kg	⊗		11/22/14 01:09	1
N-Propylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 01:09	1
o-Xylene	ND		2.1		ug/Kg	⊗		11/22/14 01:09	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS012

Date Collected: 11/21/14 14:27

Date Received: 11/21/14 21:00

Lab Sample ID: 440-94032-11

Matrix: Solid

Percent Solids: 95.0

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		5.3		ug/Kg	⊗		11/22/14 01:09	1
Styrene	ND		2.1		ug/Kg	⊗		11/22/14 01:09	1
Tert-amyl-methyl ether (TAME)	ND		5.3		ug/Kg	⊗		11/22/14 01:09	1
tert-Butylbenzene	ND		5.3		ug/Kg	⊗		11/22/14 01:09	1
Tetrachloroethene	ND		2.1		ug/Kg	⊗		11/22/14 01:09	1
Toluene	ND		2.1		ug/Kg	⊗		11/22/14 01:09	1
trans-1,2-Dichloroethene	ND		2.1		ug/Kg	⊗		11/22/14 01:09	1
trans-1,3-Dichloropropene	ND		2.1		ug/Kg	⊗		11/22/14 01:09	1
Trichloroethene	ND		2.1		ug/Kg	⊗		11/22/14 01:09	1
Trichlorofluoromethane	ND		5.3		ug/Kg	⊗		11/22/14 01:09	1
Vinyl chloride	ND		5.3		ug/Kg	⊗		11/22/14 01:09	1
Xylenes, Total	ND		4.3		ug/Kg	⊗		11/22/14 01:09	1
Isopropyl Ether (DIPE)	ND		5.3		ug/Kg	⊗		11/22/14 01:09	1
Ethyl-t-butyl ether (ETBE)	ND		5.3		ug/Kg	⊗		11/22/14 01:09	1
tert-Butyl alcohol (TBA)	ND		110		ug/Kg	⊗		11/22/14 01:09	1
p-Isopropyltoluene	ND		2.1		ug/Kg	⊗		11/22/14 01:09	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	101			79 - 123				11/22/14 01:09	1
4-Bromofluorobenzene (Surr)	103			79 - 120				11/22/14 01:09	1
Dibromofluoromethane (Surr)	100			60 - 120				11/22/14 01:09	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
1,2-Dichlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
1,2-Diphenylhydrazine(as Azobenzene)	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
1,3-Dichlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
1,4-Dichlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
2,4,5-Trichlorophenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
2,4,6-Trichlorophenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
2,4-Dichlorophenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
2,4-Dimethylphenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
2,4-Dinitrophenol	ND		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
2,4-Dinitrotoluene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
2,6-Dinitrotoluene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
2-Chloronaphthalene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
2-Chlorophenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
2-Methylnaphthalene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
2-Methylphenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
2-Nitroaniline	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
2-Nitrophenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
3,3'-Dichlorobenzidine	ND		860		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
3-Nitroaniline	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
4,6-Dinitro-2-methylphenol	ND		440		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
4-Bromophenyl phenyl ether	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
4-Chloro-3-methylphenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
4-Chloroaniline	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
4-Chlorophenyl phenyl ether	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS012

Lab Sample ID: 440-94032-11

Date Collected: 11/21/14 14:27

Matrix: Solid

Date Received: 11/21/14 21:00

Percent Solids: 95.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Methylphenol + 4-Methylphenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
4-Nitroaniline	ND		860		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
4-Nitrophenol	ND		860		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
Acenaphthene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
Acenaphthylene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
Aniline	ND		440		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
Anthracene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
Benzidine	ND *		1400		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
Benzo[a]anthracene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
Benzo[a]pyrene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
Benzo[b]fluoranthene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
Benzo[g,h,i]perylene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
Benzo[k]fluoranthene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
Benzoic acid	ND		860		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
Benzyl alcohol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
Bis(2-chloroethoxy)methane	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
Bis(2-chloroethyl)ether	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
Bis(2-ethylhexyl) phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
Butyl benzyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
Chrysene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
Dibenz(a,h)anthracene	ND		440		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
Dibenzofuran	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
Diethyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
Dimethyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
Di-n-butyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
Di-n-octyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
Fluoranthene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
Fluorene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
Hexachlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
Hexachlorobutadiene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
Hexachlorocyclopentadiene	ND		860		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
Hexachloroethane	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
Indeno[1,2,3-cd]pyrene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
Isophorone	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
Naphthalene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
Nitrobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
N-Nitrosodi-n-propylamine	ND		260		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
N-Nitrosodiphenylamine	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
Pentachlorophenol	ND		860		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
Phenanthrene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
Phenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
Pyrene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
bis (2-chloroisopropyl) ether	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
N-Nitrosodimethylamine	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	79		35 - 120				11/21/14 21:53	11/22/14 06:02	1
2-Fluorophenol (Surr)	70		25 - 120				11/21/14 21:53	11/22/14 06:02	1
2,4,6-Tribromophenol (Surr)	84		35 - 125				11/21/14 21:53	11/22/14 06:02	1
Nitrobenzene-d5 (Surr)	68		30 - 120				11/21/14 21:53	11/22/14 06:02	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS012

Lab Sample ID: 440-94032-11

Date Collected: 11/21/14 14:27
 Date Received: 11/21/14 21:00

Matrix: Solid

Percent Solids: 95.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14 (Surr)	70		40 - 135	11/21/14 21:53	11/22/14 06:02	1
Phenol-d6 (Surr)	70		35 - 120	11/21/14 21:53	11/22/14 06:02	1

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		410		ug/Kg	⊗		11/22/14 02:16	1
Surrogate	%Recovery	Qualifier	Limits			⊗	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		65 - 140					11/22/14 02:16	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	43		5.2		mg/Kg	⊗	11/21/14 21:51	11/22/14 06:01	1
C23-C40	100		5.2		mg/Kg	⊗	11/21/14 21:51	11/22/14 06:01	1
Surrogate	%Recovery	Qualifier	Limits			⊗	Prepared	Analyzed	Dil Fac
n-Octacosane	54		40 - 140				11/21/14 21:51	11/22/14 06:01	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:29	5
Arsenic	6.3		3.2		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:29	5
Barium	200		1.6		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:29	5
Beryllium	0.63		0.53		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:29	5
Cadmium	1.3		0.53		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:29	5
Chromium	37		1.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:29	5
Cobalt	7.1		1.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:29	5
Copper	28		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:29	5
Lead	10		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:29	5
Molybdenum	3.0		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:29	5
Nickel	37		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:29	5
Selenium	ND		3.2		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:29	5
Thallium	ND		11		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:29	5
Vanadium	57		1.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:29	5
Zinc	79		5.3		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:29	5
Silver	ND		1.6		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:29	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.021		mg/Kg	⊗	11/21/14 22:02	11/22/14 07:20	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	5.0		0.10		%			12/17/14 16:13	1
Percent Solids	95		0.10		%			12/17/14 16:13	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS011

Lab Sample ID: 440-94032-12

Date Collected: 11/21/14 14:51

Matrix: Solid

Date Received: 11/21/14 21:00

Percent Solids: 94.0

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.3		ug/Kg	⊗		11/22/14 10:59	1
1,1,1-Trichloroethane	ND		2.1		ug/Kg	⊗		11/22/14 10:59	1
1,1,2,2-Tetrachloroethane	ND *		2.1		ug/Kg	⊗		11/22/14 10:59	1
1,1,2-Trichloroethane	ND		2.1		ug/Kg	⊗		11/22/14 10:59	1
1,1-Dichloroethane	ND		2.1		ug/Kg	⊗		11/22/14 10:59	1
1,1-Dichloroethene	ND		5.3		ug/Kg	⊗		11/22/14 10:59	1
1,1-Dichloropropene	ND		2.1		ug/Kg	⊗		11/22/14 10:59	1
1,2,3-Trichlorobenzene	ND *		5.3		ug/Kg	⊗		11/22/14 10:59	1
1,2,3-Trichloropropane	ND *		11		ug/Kg	⊗		11/22/14 10:59	1
1,2,4-Trichlorobenzene	ND *		5.3		ug/Kg	⊗		11/22/14 10:59	1
1,2,4-Trimethylbenzene	ND *		2.1		ug/Kg	⊗		11/22/14 10:59	1
1,2-Dibromo-3-Chloropropane	ND *		5.3		ug/Kg	⊗		11/22/14 10:59	1
1,2-Dibromoethane (EDB)	ND		2.1		ug/Kg	⊗		11/22/14 10:59	1
1,2-Dichlorobenzene	ND *		2.1		ug/Kg	⊗		11/22/14 10:59	1
1,2-Dichloroethane	ND		2.1		ug/Kg	⊗		11/22/14 10:59	1
1,2-Dichloropropene	ND		2.1		ug/Kg	⊗		11/22/14 10:59	1
1,3,5-Trimethylbenzene	ND *		2.1		ug/Kg	⊗		11/22/14 10:59	1
1,3-Dichlorobenzene	ND *		2.1		ug/Kg	⊗		11/22/14 10:59	1
1,3-Dichloropropane	ND		2.1		ug/Kg	⊗		11/22/14 10:59	1
1,4-Dichlorobenzene	ND *		2.1		ug/Kg	⊗		11/22/14 10:59	1
2,2-Dichloropropane	ND		2.1		ug/Kg	⊗		11/22/14 10:59	1
2-Chlorotoluene	ND *		5.3		ug/Kg	⊗		11/22/14 10:59	1
4-Chlorotoluene	ND *		5.3		ug/Kg	⊗		11/22/14 10:59	1
Benzene	ND		2.1		ug/Kg	⊗		11/22/14 10:59	1
Bromobenzene	ND *		5.3		ug/Kg	⊗		11/22/14 10:59	1
Bromochloromethane	ND		5.3		ug/Kg	⊗		11/22/14 10:59	1
Bromodichloromethane	ND		2.1		ug/Kg	⊗		11/22/14 10:59	1
Bromoform	ND		5.3		ug/Kg	⊗		11/22/14 10:59	1
Bromomethane	ND		5.3		ug/Kg	⊗		11/22/14 10:59	1
Carbon tetrachloride	ND		5.3		ug/Kg	⊗		11/22/14 10:59	1
Chlorobenzene	ND		2.1		ug/Kg	⊗		11/22/14 10:59	1
Chloroethane	ND		5.3		ug/Kg	⊗		11/22/14 10:59	1
Chloroform	ND		2.1		ug/Kg	⊗		11/22/14 10:59	1
Chloromethane	ND		5.3		ug/Kg	⊗		11/22/14 10:59	1
cis-1,2-Dichloroethene	ND		2.1		ug/Kg	⊗		11/22/14 10:59	1
cis-1,3-Dichloropropene	ND		2.1		ug/Kg	⊗		11/22/14 10:59	1
Dibromochloromethane	ND		2.1		ug/Kg	⊗		11/22/14 10:59	1
Dibromomethane	ND		2.1		ug/Kg	⊗		11/22/14 10:59	1
Dichlorodifluoromethane	ND		5.3		ug/Kg	⊗		11/22/14 10:59	1
Ethylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 10:59	1
Hexachlorobutadiene	ND *		5.3		ug/Kg	⊗		11/22/14 10:59	1
Isopropylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 10:59	1
m,p-Xylene	ND		4.2		ug/Kg	⊗		11/22/14 10:59	1
Methylene Chloride	ND		21		ug/Kg	⊗		11/22/14 10:59	1
Methyl-t-Butyl Ether (MTBE)	ND		5.3		ug/Kg	⊗		11/22/14 10:59	1
Naphthalene	ND *		5.3		ug/Kg	⊗		11/22/14 10:59	1
n-Butylbenzene	ND *		5.3		ug/Kg	⊗		11/22/14 10:59	1
N-Propylbenzene	ND *		2.1		ug/Kg	⊗		11/22/14 10:59	1
o-Xylene	ND		2.1		ug/Kg	⊗		11/22/14 10:59	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS011

Lab Sample ID: 440-94032-12

Date Collected: 11/21/14 14:51
 Date Received: 11/21/14 21:00

Matrix: Solid

Percent Solids: 94.0

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND	*	5.3		ug/Kg	⊗		11/22/14 10:59	1
Styrene	ND		2.1		ug/Kg	⊗		11/22/14 10:59	1
Tert-amyl-methyl ether (TAME)	ND		5.3		ug/Kg	⊗		11/22/14 10:59	1
tert-Butylbenzene	ND	*	5.3		ug/Kg	⊗		11/22/14 10:59	1
Tetrachloroethene	ND		2.1		ug/Kg	⊗		11/22/14 10:59	1
Toluene	ND		2.1		ug/Kg	⊗		11/22/14 10:59	1
trans-1,2-Dichloroethene	ND		2.1		ug/Kg	⊗		11/22/14 10:59	1
trans-1,3-Dichloropropene	ND		2.1		ug/Kg	⊗		11/22/14 10:59	1
Trichloroethene	ND		2.1		ug/Kg	⊗		11/22/14 10:59	1
Trichlorofluoromethane	ND		5.3		ug/Kg	⊗		11/22/14 10:59	1
Vinyl chloride	ND		5.3		ug/Kg	⊗		11/22/14 10:59	1
Xylenes, Total	ND		4.2		ug/Kg	⊗		11/22/14 10:59	1
Isopropyl Ether (DIPE)	ND		5.3		ug/Kg	⊗		11/22/14 10:59	1
Ethyl-t-butyl ether (ETBE)	ND		5.3		ug/Kg	⊗		11/22/14 10:59	1
tert-Butyl alcohol (TBA)	ND		110		ug/Kg	⊗		11/22/14 10:59	1
p-Isopropyltoluene	ND	*	2.1		ug/Kg	⊗		11/22/14 10:59	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	117			79 - 123				11/22/14 10:59	1
4-Bromofluorobenzene (Surr)	119	*		79 - 120				11/22/14 10:59	1
Dibromofluoromethane (Surr)	118			60 - 120				11/22/14 10:59	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
1,2-Dichlorobenzene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
1,2-Diphenylhydrazine(as Azobenzene)	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
1,3-Dichlorobenzene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
1,4-Dichlorobenzene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
2,4,5-Trichlorophenol	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
2,4,6-Trichlorophenol	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
2,4-Dichlorophenol	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
2,4-Dimethylphenol	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
2,4-Dinitrophenol	ND		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
2,4-Dinitrotoluene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
2,6-Dinitrotoluene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
2-Chloronaphthalene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
2-Chlorophenol	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
2-Methylnaphthalene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
2-Methylphenol	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
2-Nitroaniline	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
2-Nitrophenol	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
3,3'-Dichlorobenzidine	ND		870		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
3-Nitroaniline	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
4,6-Dinitro-2-methylphenol	ND		440		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
4-Bromophenyl phenyl ether	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
4-Chloro-3-methylphenol	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
4-Chloroaniline	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
4-Chlorophenyl phenyl ether	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS011

Lab Sample ID: 440-94032-12

Date Collected: 11/21/14 14:51

Matrix: Solid

Date Received: 11/21/14 21:00

Percent Solids: 94.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Methylphenol + 4-Methylphenol	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
4-Nitroaniline	ND		870		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
4-Nitrophenol	ND		870		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
Acenaphthene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
Acenaphthylene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
Aniline	ND		440		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
Anthracene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
Benzidine	ND *		1400		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
Benzo[a]anthracene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
Benzo[a]pyrene	ND *		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
Benzo[b]fluoranthene	ND *		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
Benzo[g,h,i]perylene	ND *		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
Benzo[k]fluoranthene	ND *		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
Benzoic acid	ND		870		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
Benzyl alcohol	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
Bis(2-chloroethoxy)methane	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
Bis(2-chloroethyl)ether	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
Bis(2-ethylhexyl) phthalate	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
Butyl benzyl phthalate	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
Chrysene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
Dibenz(a,h)anthracene	ND *		440		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
Dibenzofuran	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
Diethyl phthalate	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
Dimethyl phthalate	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
Di-n-butyl phthalate	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
Di-n-octyl phthalate	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
Fluoranthene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
Fluorene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
Hexachlorobenzene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
Hexachlorobutadiene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
Hexachlorocyclopentadiene	ND		870		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
Hexachloroethane	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
Indeno[1,2,3-cd]pyrene	ND *		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
Isophorone	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
Naphthalene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
Nitrobenzene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
N-Nitrosodi-n-propylamine	ND		260		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
N-Nitrosodiphenylamine	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
Pentachlorophenol	ND		870		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
Phenanthrene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
Phenol	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
Pyrene	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
bis (2-chloroisopropyl) ether	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
N-Nitrosodimethylamine	ND		350		ug/Kg	⊗	11/21/14 21:53	11/22/14 11:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	56		35 - 120				11/21/14 21:53	11/22/14 11:16	1
2-Fluorophenol (Surr)	44		25 - 120				11/21/14 21:53	11/22/14 11:16	1
2,4,6-Tribromophenol (Surr)	58		35 - 125				11/21/14 21:53	11/22/14 11:16	1
Nitrobenzene-d5 (Surr)	44		30 - 120				11/21/14 21:53	11/22/14 11:16	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS011

Lab Sample ID: 440-94032-12

Date Collected: 11/21/14 14:51
 Date Received: 11/21/14 21:00

Matrix: Solid

Percent Solids: 94.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14 (Surr)	35	X	40 - 135	11/21/14 21:53	11/22/14 11:16	1
Phenol-d6 (Surr)	44		35 - 120	11/21/14 21:53	11/22/14 11:16	1

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		420		ug/Kg	⊗		11/22/14 10:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		65 - 140					11/22/14 10:38	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	330		5.3		mg/Kg	⊗	11/21/14 21:51	11/22/14 09:05	1
C23-C40	550		5.3		mg/Kg	⊗	11/21/14 21:51	11/22/14 09:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
n-Octacosane	62		40 - 140				11/21/14 21:51	11/22/14 09:05	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:31	5
Arsenic	3.5		3.2		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:31	5
Barium	130		1.6		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:31	5
Beryllium	ND		0.53		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:31	5
Cadmium	1.0		0.53		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:31	5
Chromium	21		1.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:31	5
Cobalt	5.6		1.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:31	5
Copper	130		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:31	5
Lead	24		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:31	5
Molybdenum	ND		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:31	5
Nickel	21		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:31	5
Selenium	ND		3.2		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:31	5
Thallium	ND		11		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:31	5
Vanadium	30		1.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:31	5
Zinc	340		5.3		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:31	5
Silver	ND		1.6		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:31	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.046		0.021		mg/Kg	⊗	11/21/14 22:02	11/22/14 07:23	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	6.0		0.10	%			12/17/14 16:13	1
Percent Solids	94		0.10	%			12/17/14 16:13	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121DD011
Date Collected: 11/21/14 14:53
Date Received: 11/21/14 21:00

Lab Sample ID: 440-94032-13
Matrix: Solid
Percent Solids: 94.1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND *		5.3		ug/Kg	⊗		11/22/14 02:06	1
1,1,1-Trichloroethane	ND *		2.1		ug/Kg	⊗		11/22/14 02:06	1
1,1,2,2-Tetrachloroethane	ND *		2.1		ug/Kg	⊗		11/22/14 02:06	1
1,1,2-Trichloroethane	ND *		2.1		ug/Kg	⊗		11/22/14 02:06	1
1,1-Dichloroethane	ND *		2.1		ug/Kg	⊗		11/22/14 02:06	1
1,1-Dichloroethene	ND *		5.3		ug/Kg	⊗		11/22/14 02:06	1
1,1-Dichloropropene	ND *		2.1		ug/Kg	⊗		11/22/14 02:06	1
1,2,3-Trichlorobenzene	ND *		5.3		ug/Kg	⊗		11/22/14 02:06	1
1,2,3-Trichloropropane	ND *		11		ug/Kg	⊗		11/22/14 02:06	1
1,2,4-Trichlorobenzene	ND *		5.3		ug/Kg	⊗		11/22/14 02:06	1
1,2,4-Trimethylbenzene	ND *		2.1		ug/Kg	⊗		11/22/14 02:06	1
1,2-Dibromo-3-Chloropropane	ND *		5.3		ug/Kg	⊗		11/22/14 02:06	1
1,2-Dibromoethane (EDB)	ND *		2.1		ug/Kg	⊗		11/22/14 02:06	1
1,2-Dichlorobenzene	ND *		2.1		ug/Kg	⊗		11/22/14 02:06	1
1,2-Dichloroethane	ND *		2.1		ug/Kg	⊗		11/22/14 02:06	1
1,2-Dichloropropene	ND *		2.1		ug/Kg	⊗		11/22/14 02:06	1
1,3,5-Trimethylbenzene	ND *		2.1		ug/Kg	⊗		11/22/14 02:06	1
1,3-Dichlorobenzene	ND *		2.1		ug/Kg	⊗		11/22/14 02:06	1
1,3-Dichloropropane	ND *		2.1		ug/Kg	⊗		11/22/14 02:06	1
1,4-Dichlorobenzene	ND *		2.1		ug/Kg	⊗		11/22/14 02:06	1
2,2-Dichloropropane	ND *		2.1		ug/Kg	⊗		11/22/14 02:06	1
2-Chlorotoluene	ND *		5.3		ug/Kg	⊗		11/22/14 02:06	1
4-Chlorotoluene	ND *		5.3		ug/Kg	⊗		11/22/14 02:06	1
Benzene	ND *		2.1		ug/Kg	⊗		11/22/14 02:06	1
Bromobenzene	ND *		5.3		ug/Kg	⊗		11/22/14 02:06	1
Bromochloromethane	ND *		5.3		ug/Kg	⊗		11/22/14 02:06	1
Bromodichloromethane	ND *		2.1		ug/Kg	⊗		11/22/14 02:06	1
Bromoform	ND *		5.3		ug/Kg	⊗		11/22/14 02:06	1
Bromomethane	ND *		5.3		ug/Kg	⊗		11/22/14 02:06	1
Carbon tetrachloride	ND *		5.3		ug/Kg	⊗		11/22/14 02:06	1
Chlorobenzene	ND *		2.1		ug/Kg	⊗		11/22/14 02:06	1
Chloroethane	ND *		5.3		ug/Kg	⊗		11/22/14 02:06	1
Chloroform	ND *		2.1		ug/Kg	⊗		11/22/14 02:06	1
Chloromethane	ND *		5.3		ug/Kg	⊗		11/22/14 02:06	1
cis-1,2-Dichloroethene	ND *		2.1		ug/Kg	⊗		11/22/14 02:06	1
cis-1,3-Dichloropropene	ND *		2.1		ug/Kg	⊗		11/22/14 02:06	1
Dibromochloromethane	ND *		2.1		ug/Kg	⊗		11/22/14 02:06	1
Dibromomethane	ND *		2.1		ug/Kg	⊗		11/22/14 02:06	1
Dichlorodifluoromethane	ND *		5.3		ug/Kg	⊗		11/22/14 02:06	1
Ethylbenzene	ND *		2.1		ug/Kg	⊗		11/22/14 02:06	1
Hexachlorobutadiene	ND *		5.3		ug/Kg	⊗		11/22/14 02:06	1
Isopropylbenzene	ND *		2.1		ug/Kg	⊗		11/22/14 02:06	1
m,p-Xylene	ND *		4.2		ug/Kg	⊗		11/22/14 02:06	1
Methylene Chloride	ND *		21		ug/Kg	⊗		11/22/14 02:06	1
Methyl-t-Butyl Ether (MTBE)	ND *		5.3		ug/Kg	⊗		11/22/14 02:06	1
Naphthalene	ND *		5.3		ug/Kg	⊗		11/22/14 02:06	1
n-Butylbenzene	ND *		5.3		ug/Kg	⊗		11/22/14 02:06	1
N-Propylbenzene	ND *		2.1		ug/Kg	⊗		11/22/14 02:06	1
o-Xylene	ND *		2.1		ug/Kg	⊗		11/22/14 02:06	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121DD011

Date Collected: 11/21/14 14:53

Date Received: 11/21/14 21:00

Lab Sample ID: 440-94032-13

Matrix: Solid

Percent Solids: 94.1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND *		5.3		ug/Kg	⊗		11/22/14 02:06	1
Styrene	ND *		2.1		ug/Kg	⊗		11/22/14 02:06	1
Tert-amyl-methyl ether (TAME)	ND *		5.3		ug/Kg	⊗		11/22/14 02:06	1
tert-Butylbenzene	ND *		5.3		ug/Kg	⊗		11/22/14 02:06	1
Tetrachloroethene	ND *		2.1		ug/Kg	⊗		11/22/14 02:06	1
Toluene	ND *		2.1		ug/Kg	⊗		11/22/14 02:06	1
trans-1,2-Dichloroethene	ND *		2.1		ug/Kg	⊗		11/22/14 02:06	1
trans-1,3-Dichloropropene	ND *		2.1		ug/Kg	⊗		11/22/14 02:06	1
Trichloroethene	ND *		2.1		ug/Kg	⊗		11/22/14 02:06	1
Trichlorofluoromethane	ND *		5.3		ug/Kg	⊗		11/22/14 02:06	1
Vinyl chloride	ND *		5.3		ug/Kg	⊗		11/22/14 02:06	1
Xylenes, Total	ND *		4.2		ug/Kg	⊗		11/22/14 02:06	1
Isopropyl Ether (DIPE)	ND *		5.3		ug/Kg	⊗		11/22/14 02:06	1
Ethyl-t-butyl ether (ETBE)	ND *		5.3		ug/Kg	⊗		11/22/14 02:06	1
tert-Butyl alcohol (TBA)	ND		110		ug/Kg	⊗		11/22/14 02:06	1
p-Isopropyltoluene	ND *		2.1		ug/Kg	⊗		11/22/14 02:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	111 *		79 - 123		11/22/14 02:06	1
4-Bromofluorobenzene (Surr)	120 *		79 - 120		11/22/14 02:06	1
Dibromofluoromethane (Surr)	109 *		60 - 120		11/22/14 02:06	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
1,2-Dichlorobenzene	ND		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
1,2-Diphenylhydrazine(as Azobenzene)	ND		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
1,3-Dichlorobenzene	ND		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
1,4-Dichlorobenzene	ND		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
2,4,5-Trichlorophenol	ND		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
2,4,6-Trichlorophenol	ND		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
2,4-Dichlorophenol	ND		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
2,4-Dimethylphenol	ND		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
2,4-Dinitrophenol	ND		1400		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
2,4-Dinitrotoluene	ND		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
2,6-Dinitrotoluene	ND		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
2-Chloronaphthalene	ND		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
2-Chlorophenol	ND		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
2-Methylnaphthalene	ND		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
2-Methylphenol	ND		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
2-Nitroaniline	ND		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
2-Nitrophenol	ND		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
3,3'-Dichlorobenzidine	ND		1700		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
3-Nitroaniline	ND		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
4,6-Dinitro-2-methylphenol	ND		880		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
4-Bromophenyl phenyl ether	ND		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
4-Chloro-3-methylphenol	ND		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
4-Chloroaniline	ND		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
4-Chlorophenyl phenyl ether	ND		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121DD011

Lab Sample ID: 440-94032-13

Date Collected: 11/21/14 14:53

Matrix: Solid

Date Received: 11/21/14 21:00

Percent Solids: 94.1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Methylphenol + 4-Methylphenol	ND		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
4-Nitroaniline	ND		1700		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
4-Nitrophenol	ND		1700		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
Acenaphthene	ND		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
Acenaphthylene	ND		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
Aniline	ND		880		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
Anthracene	ND		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
Benzidine	ND *		2800		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
Benzo[a]anthracene	ND		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
Benzo[a]pyrene	ND *		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
Benzo[b]fluoranthene	ND *		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
Benzo[g,h,i]perylene	ND *		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
Benzo[k]fluoranthene	ND *		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
Benzoic acid	ND		1700		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
Benzyl alcohol	ND		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
Bis(2-chloroethoxy)methane	ND		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
Bis(2-chloroethyl)ether	ND		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
Bis(2-ethylhexyl) phthalate	ND		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
Butyl benzyl phthalate	ND		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
Chrysene	ND		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
Dibenz(a,h)anthracene	ND *		880		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
Dibenzofuran	ND		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
Diethyl phthalate	ND		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
Dimethyl phthalate	ND		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
Di-n-butyl phthalate	ND		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
Di-n-octyl phthalate	ND		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
Fluoranthene	ND		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
Fluorene	ND		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
Hexachlorobenzene	ND		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
Hexachlorobutadiene	ND		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
Hexachlorocyclopentadiene	ND		1700		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
Hexachloroethane	ND		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
Indeno[1,2,3-cd]pyrene	ND *		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
Isophorone	ND		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
Naphthalene	ND		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
Nitrobenzene	ND		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
N-Nitrosodi-n-propylamine	ND		520		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
N-Nitrosodiphenylamine	ND		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
Pentachlorophenol	ND		1700		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
Phenanthrene	ND		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
Phenol	ND		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
Pyrene	ND		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
bis (2-chloroisopropyl) ether	ND		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
N-Nitrosodimethylamine	ND		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:23	2
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	73		35 - 120				11/21/14 21:53	11/22/14 06:23	2
2-Fluorophenol (Surr)	58		25 - 120				11/21/14 21:53	11/22/14 06:23	2
2,4,6-Tribromophenol (Surr)	77		35 - 125				11/21/14 21:53	11/22/14 06:23	2
Nitrobenzene-d5 (Surr)	59		30 - 120				11/21/14 21:53	11/22/14 06:23	2

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121DD011

Lab Sample ID: 440-94032-13

Date Collected: 11/21/14 14:53

Matrix: Solid

Date Received: 11/21/14 21:00

Percent Solids: 94.1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14 (Surr)	60		40 - 135	11/21/14 21:53	11/22/14 06:23	2
Phenol-d6 (Surr)	59		35 - 120	11/21/14 21:53	11/22/14 06:23	2

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		420		ug/Kg	⊗		11/22/14 11:06	1
Surrogate	%Recovery	Qualifier	Limits			⊗	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		65 - 140			⊗		11/22/14 11:06	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	240		5.2		mg/Kg	⊗	11/21/14 21:51	11/22/14 08:45	1
C23-C40	400		5.2		mg/Kg	⊗	11/21/14 21:51	11/22/14 08:45	1
Surrogate	%Recovery	Qualifier	Limits			⊗	Prepared	Analyzed	Dil Fac
n-Octacosane	44		40 - 140			⊗	11/21/14 21:51	11/22/14 08:45	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:33	5
Arsenic	3.8		3.2		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:33	5
Barium	130		1.6		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:33	5
Beryllium	ND		0.53		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:33	5
Cadmium	0.99		0.53		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:33	5
Chromium	22		1.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:33	5
Cobalt	5.9		1.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:33	5
Copper	110		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:33	5
Lead	24		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:33	5
Molybdenum	ND		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:33	5
Nickel	22		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:33	5
Selenium	ND		3.2		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:33	5
Thallium	ND		11		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:33	5
Vanadium	30		1.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:33	5
Zinc	350		5.3		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:33	5
Silver	ND		1.6		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:33	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.14		0.021		mg/Kg	⊗	11/21/14 22:02	11/22/14 07:25	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	5.9		0.10	%			12/17/14 16:13	1
Percent Solids	94		0.10	%			12/17/14 16:13	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS013

Lab Sample ID: 440-94032-14

Date Collected: 11/21/14 15:27
 Date Received: 11/21/14 21:00

Matrix: Solid

Percent Solids: 95.7

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.1		ug/Kg	⊗		11/22/14 02:34	1
1,1,1-Trichloroethane	ND		2.0		ug/Kg	⊗		11/22/14 02:34	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg	⊗		11/22/14 02:34	1
1,1,2-Trichloroethane	ND		2.0		ug/Kg	⊗		11/22/14 02:34	1
1,1-Dichloroethane	ND		2.0		ug/Kg	⊗		11/22/14 02:34	1
1,1-Dichloroethene	ND		5.1		ug/Kg	⊗		11/22/14 02:34	1
1,1-Dichloropropene	ND		2.0		ug/Kg	⊗		11/22/14 02:34	1
1,2,3-Trichlorobenzene	ND		5.1		ug/Kg	⊗		11/22/14 02:34	1
1,2,3-Trichloropropane	ND		10		ug/Kg	⊗		11/22/14 02:34	1
1,2,4-Trichlorobenzene	ND		5.1		ug/Kg	⊗		11/22/14 02:34	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg	⊗		11/22/14 02:34	1
1,2-Dibromo-3-Chloropropane	ND		5.1		ug/Kg	⊗		11/22/14 02:34	1
1,2-Dibromoethane (EDB)	ND		2.0		ug/Kg	⊗		11/22/14 02:34	1
1,2-Dichlorobenzene	ND		2.0		ug/Kg	⊗		11/22/14 02:34	1
1,2-Dichloroethane	ND		2.0		ug/Kg	⊗		11/22/14 02:34	1
1,2-Dichloropropene	ND		2.0		ug/Kg	⊗		11/22/14 02:34	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg	⊗		11/22/14 02:34	1
1,3-Dichlorobenzene	ND		2.0		ug/Kg	⊗		11/22/14 02:34	1
1,3-Dichloropropane	ND		2.0		ug/Kg	⊗		11/22/14 02:34	1
1,4-Dichlorobenzene	ND		2.0		ug/Kg	⊗		11/22/14 02:34	1
2,2-Dichloropropane	ND		2.0		ug/Kg	⊗		11/22/14 02:34	1
2-Chlorotoluene	ND		5.1		ug/Kg	⊗		11/22/14 02:34	1
4-Chlorotoluene	ND		5.1		ug/Kg	⊗		11/22/14 02:34	1
Benzene	ND		2.0		ug/Kg	⊗		11/22/14 02:34	1
Bromobenzene	ND		5.1		ug/Kg	⊗		11/22/14 02:34	1
Bromochloromethane	ND		5.1		ug/Kg	⊗		11/22/14 02:34	1
Bromodichloromethane	ND		2.0		ug/Kg	⊗		11/22/14 02:34	1
Bromoform	ND		5.1		ug/Kg	⊗		11/22/14 02:34	1
Bromomethane	ND		5.1		ug/Kg	⊗		11/22/14 02:34	1
Carbon tetrachloride	ND		5.1		ug/Kg	⊗		11/22/14 02:34	1
Chlorobenzene	ND		2.0		ug/Kg	⊗		11/22/14 02:34	1
Chloroethane	ND		5.1		ug/Kg	⊗		11/22/14 02:34	1
Chloroform	ND		2.0		ug/Kg	⊗		11/22/14 02:34	1
Chloromethane	ND		5.1		ug/Kg	⊗		11/22/14 02:34	1
cis-1,2-Dichloroethene	ND		2.0		ug/Kg	⊗		11/22/14 02:34	1
cis-1,3-Dichloropropene	ND		2.0		ug/Kg	⊗		11/22/14 02:34	1
Dibromochloromethane	ND		2.0		ug/Kg	⊗		11/22/14 02:34	1
Dibromomethane	ND		2.0		ug/Kg	⊗		11/22/14 02:34	1
Dichlorodifluoromethane	ND		5.1		ug/Kg	⊗		11/22/14 02:34	1
Ethylbenzene	ND		2.0		ug/Kg	⊗		11/22/14 02:34	1
Hexachlorobutadiene	ND		5.1		ug/Kg	⊗		11/22/14 02:34	1
Isopropylbenzene	ND		2.0		ug/Kg	⊗		11/22/14 02:34	1
m,p-Xylene	ND		4.1		ug/Kg	⊗		11/22/14 02:34	1
Methylene Chloride	ND		20		ug/Kg	⊗		11/22/14 02:34	1
Methyl-t-Butyl Ether (MTBE)	ND		5.1		ug/Kg	⊗		11/22/14 02:34	1
Naphthalene	ND		5.1		ug/Kg	⊗		11/22/14 02:34	1
n-Butylbenzene	ND		5.1		ug/Kg	⊗		11/22/14 02:34	1
N-Propylbenzene	ND		2.0		ug/Kg	⊗		11/22/14 02:34	1
o-Xylene	ND		2.0		ug/Kg	⊗		11/22/14 02:34	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS013

Lab Sample ID: 440-94032-14

Date Collected: 11/21/14 15:27

Matrix: Solid

Date Received: 11/21/14 21:00

Percent Solids: 95.7

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		5.1		ug/Kg	⊗		11/22/14 02:34	1
Styrene	ND		2.0		ug/Kg	⊗		11/22/14 02:34	1
Tert-amyl-methyl ether (TAME)	ND		5.1		ug/Kg	⊗		11/22/14 02:34	1
tert-Butylbenzene	ND		5.1		ug/Kg	⊗		11/22/14 02:34	1
Tetrachloroethene	ND		2.0		ug/Kg	⊗		11/22/14 02:34	1
Toluene	ND		2.0		ug/Kg	⊗		11/22/14 02:34	1
trans-1,2-Dichloroethene	ND		2.0		ug/Kg	⊗		11/22/14 02:34	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg	⊗		11/22/14 02:34	1
Trichloroethene	ND		2.0		ug/Kg	⊗		11/22/14 02:34	1
Trichlorofluoromethane	ND		5.1		ug/Kg	⊗		11/22/14 02:34	1
Vinyl chloride	ND		5.1		ug/Kg	⊗		11/22/14 02:34	1
Xylenes, Total	ND		4.1		ug/Kg	⊗		11/22/14 02:34	1
Isopropyl Ether (DIPE)	ND		5.1		ug/Kg	⊗		11/22/14 02:34	1
Ethyl-t-butyl ether (ETBE)	ND		5.1		ug/Kg	⊗		11/22/14 02:34	1
tert-Butyl alcohol (TBA)	ND		100		ug/Kg	⊗		11/22/14 02:34	1
p-Isopropyltoluene	ND		2.0		ug/Kg	⊗		11/22/14 02:34	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	102			79 - 123				11/22/14 02:34	1
4-Bromofluorobenzene (Surr)	103			79 - 120				11/22/14 02:34	1
Dibromofluoromethane (Surr)	103			60 - 120				11/22/14 02:34	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
1,2-Dichlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
1,2-Diphenylhydrazine(as Azobenzene)	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
1,3-Dichlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
1,4-Dichlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
2,4,5-Trichlorophenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
2,4,6-Trichlorophenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
2,4-Dichlorophenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
2,4-Dimethylphenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
2,4-Dinitrophenol	ND		690		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
2,4-Dinitrotoluene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
2,6-Dinitrotoluene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
2-Chloronaphthalene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
2-Chlorophenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
2-Methylnaphthalene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
2-Methylphenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
2-Nitroaniline	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
2-Nitrophenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
3,3'-Dichlorobenzidine	ND		860		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
3-Nitroaniline	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
4,6-Dinitro-2-methylphenol	ND		440		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
4-Bromophenyl phenyl ether	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
4-Chloro-3-methylphenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
4-Chloroaniline	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
4-Chlorophenyl phenyl ether	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS013

Lab Sample ID: 440-94032-14

Date Collected: 11/21/14 15:27
 Date Received: 11/21/14 21:00

Matrix: Solid

Percent Solids: 95.7

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Methylphenol + 4-Methylphenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
4-Nitroaniline	ND		860		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
4-Nitrophenol	ND		860		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
Acenaphthene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
Acenaphthylene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
Aniline	ND		440		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
Anthracene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
Benzidine	ND *		1400		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
Benzo[a]anthracene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
Benzo[a]pyrene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
Benzo[b]fluoranthene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
Benzo[g,h,i]perylene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
Benzo[k]fluoranthene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
Benzoic acid	ND		860		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
Benzyl alcohol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
Bis(2-chloroethoxy)methane	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
Bis(2-chloroethyl)ether	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
Bis(2-ethylhexyl) phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
Butyl benzyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
Chrysene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
Dibenz(a,h)anthracene	ND		440		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
Dibenzo furan	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
Diethyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
Dimethyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
Di-n-butyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
Di-n-octyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
Fluoranthene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
Fluorene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
Hexachlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
Hexachlorobutadiene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
Hexachlorocyclopentadiene	ND		860		ug/Kg	⊗	11/21/14 21:53	11/22/14 06:44	1
Hexachloroethane	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
Indeno[1,2,3-cd]pyrene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
Isophorone	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
Naphthalene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
Nitrobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
N-Nitrosodi-n-propylamine	ND		260		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
N-Nitrosodiphenylamine	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
Pentachlorophenol	ND		860		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
Phenanthrene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
Phenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
Pyrene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
bis (2-chloroisopropyl) ether	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
N-Nitrosodimethylamine	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	83		35 - 120				11/21/14 21:53	11/22/14 16:06	1
2-Fluorophenol (Surr)	75		25 - 120				11/21/14 21:53	11/22/14 16:06	1
2,4,6-Tribromophenol (Surr)	85		35 - 125				11/21/14 21:53	11/22/14 16:06	1
Nitrobenzene-d5 (Surr)	73		30 - 120				11/21/14 21:53	11/22/14 16:06	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS013

Lab Sample ID: 440-94032-14

Date Collected: 11/21/14 15:27
 Date Received: 11/21/14 21:00

Matrix: Solid

Percent Solids: 95.7

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14 (Surr)	67		40 - 135	11/21/14 21:53	11/22/14 16:06	1
Phenol-d6 (Surr)	75		35 - 120	11/21/14 21:53	11/22/14 16:06	1

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		420		ug/Kg	⊗		11/22/14 04:35	1
Surrogate	%Recovery	Qualifier	Limits			⊗	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		65 - 140			⊗		11/22/14 04:35	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	20		5.2		mg/Kg	⊗	11/21/14 21:51	11/22/14 06:20	1
C23-C40	100		5.2		mg/Kg	⊗	11/21/14 21:51	11/22/14 06:20	1
Surrogate	%Recovery	Qualifier	Limits			⊗	Prepared	Analyzed	Dil Fac
n-Octacosane	70		40 - 140			⊗	11/21/14 21:51	11/22/14 06:20	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:34	5
Arsenic	6.5		3.2		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:34	5
Barium	120		1.6		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:34	5
Beryllium	ND		0.53		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:34	5
Cadmium	1.3		0.53		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:34	5
Chromium	27		1.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:34	5
Cobalt	4.7		1.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:34	5
Copper	17		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:34	5
Lead	10		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:34	5
Molybdenum	2.8		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:34	5
Nickel	26		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:34	5
Selenium	ND		3.2		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:34	5
Thallium	ND		11		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:34	5
Vanadium	47		1.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:34	5
Zinc	59		5.3		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:34	5
Silver	ND		1.6		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:34	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.021		mg/Kg	⊗	11/21/14 22:02	11/22/14 07:28	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	4.3		0.10		%			12/17/14 16:13	1
Percent Solids	96		0.10		%			12/17/14 16:13	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS010
Date Collected: 11/21/14 16:01
Date Received: 11/21/14 21:00

Lab Sample ID: 440-94032-15
Matrix: Solid
Percent Solids: 90.9

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.3		ug/Kg	⊗		11/22/14 03:03	1
1,1,1-Trichloroethane	ND		2.1		ug/Kg	⊗		11/22/14 03:03	1
1,1,2,2-Tetrachloroethane	ND		2.1		ug/Kg	⊗		11/22/14 03:03	1
1,1,2-Trichloroethane	ND		2.1		ug/Kg	⊗		11/22/14 03:03	1
1,1-Dichloroethane	ND		2.1		ug/Kg	⊗		11/22/14 03:03	1
1,1-Dichloroethene	ND		5.3		ug/Kg	⊗		11/22/14 03:03	1
1,1-Dichloropropene	ND		2.1		ug/Kg	⊗		11/22/14 03:03	1
1,2,3-Trichlorobenzene	ND		5.3		ug/Kg	⊗		11/22/14 03:03	1
1,2,3-Trichloropropane	ND		11		ug/Kg	⊗		11/22/14 03:03	1
1,2,4-Trichlorobenzene	ND		5.3		ug/Kg	⊗		11/22/14 03:03	1
1,2,4-Trimethylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 03:03	1
1,2-Dibromo-3-Chloropropane	ND		5.3		ug/Kg	⊗		11/22/14 03:03	1
1,2-Dibromoethane (EDB)	ND		2.1		ug/Kg	⊗		11/22/14 03:03	1
1,2-Dichlorobenzene	ND		2.1		ug/Kg	⊗		11/22/14 03:03	1
1,2-Dichloroethane	ND		2.1		ug/Kg	⊗		11/22/14 03:03	1
1,2-Dichloropropene	ND		2.1		ug/Kg	⊗		11/22/14 03:03	1
1,3,5-Trimethylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 03:03	1
1,3-Dichlorobenzene	ND		2.1		ug/Kg	⊗		11/22/14 03:03	1
1,3-Dichloropropane	ND		2.1		ug/Kg	⊗		11/22/14 03:03	1
1,4-Dichlorobenzene	ND		2.1		ug/Kg	⊗		11/22/14 03:03	1
2,2-Dichloropropane	ND		2.1		ug/Kg	⊗		11/22/14 03:03	1
2-Chlorotoluene	ND		5.3		ug/Kg	⊗		11/22/14 03:03	1
4-Chlorotoluene	ND		5.3		ug/Kg	⊗		11/22/14 03:03	1
Benzene	ND		2.1		ug/Kg	⊗		11/22/14 03:03	1
Bromobenzene	ND		5.3		ug/Kg	⊗		11/22/14 03:03	1
Bromochloromethane	ND		5.3		ug/Kg	⊗		11/22/14 03:03	1
Bromodichloromethane	ND		2.1		ug/Kg	⊗		11/22/14 03:03	1
Bromoform	ND		5.3		ug/Kg	⊗		11/22/14 03:03	1
Bromomethane	ND		5.3		ug/Kg	⊗		11/22/14 03:03	1
Carbon tetrachloride	ND		5.3		ug/Kg	⊗		11/22/14 03:03	1
Chlorobenzene	ND		2.1		ug/Kg	⊗		11/22/14 03:03	1
Chloroethane	ND		5.3		ug/Kg	⊗		11/22/14 03:03	1
Chloroform	ND		2.1		ug/Kg	⊗		11/22/14 03:03	1
Chloromethane	ND		5.3		ug/Kg	⊗		11/22/14 03:03	1
cis-1,2-Dichloroethene	ND		2.1		ug/Kg	⊗		11/22/14 03:03	1
cis-1,3-Dichloropropene	ND		2.1		ug/Kg	⊗		11/22/14 03:03	1
Dibromochloromethane	ND		2.1		ug/Kg	⊗		11/22/14 03:03	1
Dibromomethane	ND		2.1		ug/Kg	⊗		11/22/14 03:03	1
Dichlorodifluoromethane	ND		5.3		ug/Kg	⊗		11/22/14 03:03	1
Ethylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 03:03	1
Hexachlorobutadiene	ND		5.3		ug/Kg	⊗		11/22/14 03:03	1
Isopropylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 03:03	1
m,p-Xylene	ND		4.3		ug/Kg	⊗		11/22/14 03:03	1
Methylene Chloride	ND		21		ug/Kg	⊗		11/22/14 03:03	1
Methyl-t-Butyl Ether (MTBE)	ND		5.3		ug/Kg	⊗		11/22/14 03:03	1
Naphthalene	ND		5.3		ug/Kg	⊗		11/22/14 03:03	1
n-Butylbenzene	ND		5.3		ug/Kg	⊗		11/22/14 03:03	1
N-Propylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 03:03	1
o-Xylene	ND		2.1		ug/Kg	⊗		11/22/14 03:03	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS010

Date Collected: 11/21/14 16:01

Date Received: 11/21/14 21:00

Lab Sample ID: 440-94032-15

Matrix: Solid

Percent Solids: 90.9

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		5.3		ug/Kg	⊗		11/22/14 03:03	1
Styrene	ND		2.1		ug/Kg	⊗		11/22/14 03:03	1
Tert-amyl-methyl ether (TAME)	ND		5.3		ug/Kg	⊗		11/22/14 03:03	1
tert-Butylbenzene	ND		5.3		ug/Kg	⊗		11/22/14 03:03	1
Tetrachloroethene	ND		2.1		ug/Kg	⊗		11/22/14 03:03	1
Toluene	ND		2.1		ug/Kg	⊗		11/22/14 03:03	1
trans-1,2-Dichloroethene	ND		2.1		ug/Kg	⊗		11/22/14 03:03	1
trans-1,3-Dichloropropene	ND		2.1		ug/Kg	⊗		11/22/14 03:03	1
Trichloroethene	ND		2.1		ug/Kg	⊗		11/22/14 03:03	1
Trichlorofluoromethane	ND		5.3		ug/Kg	⊗		11/22/14 03:03	1
Vinyl chloride	ND		5.3		ug/Kg	⊗		11/22/14 03:03	1
Xylenes, Total	ND		4.3		ug/Kg	⊗		11/22/14 03:03	1
Isopropyl Ether (DIPE)	ND		5.3		ug/Kg	⊗		11/22/14 03:03	1
Ethyl-t-butyl ether (ETBE)	ND		5.3		ug/Kg	⊗		11/22/14 03:03	1
tert-Butyl alcohol (TBA)	ND		110		ug/Kg	⊗		11/22/14 03:03	1
p-Isopropyltoluene	ND		2.1		ug/Kg	⊗		11/22/14 03:03	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	103			79 - 123				11/22/14 03:03	1
4-Bromofluorobenzene (Surr)	104			79 - 120				11/22/14 03:03	1
Dibromofluoromethane (Surr)	103			60 - 120				11/22/14 03:03	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		360		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
1,2-Dichlorobenzene	ND		360		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
1,2-Diphenylhydrazine(as Azobenzene)	ND		360		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
1,3-Dichlorobenzene	ND		360		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
1,4-Dichlorobenzene	ND		360		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
2,4,5-Trichlorophenol	ND		360		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
2,4,6-Trichlorophenol	ND		360		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
2,4-Dichlorophenol	ND		360		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
2,4-Dimethylphenol	ND		360		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
2,4-Dinitrophenol	ND		720		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
2,4-Dinitrotoluene	ND		360		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
2,6-Dinitrotoluene	ND		360		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
2-Chloronaphthalene	ND		360		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
2-Chlorophenol	ND		360		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
2-Methylnaphthalene	ND		360		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
2-Methylphenol	ND		360		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
2-Nitroaniline	ND		360		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
2-Nitrophenol	ND		360		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
3,3'-Dichlorobenzidine	ND		900		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
3-Nitroaniline	ND		360		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
4,6-Dinitro-2-methylphenol	ND		460		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
4-Bromophenyl phenyl ether	ND		360		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
4-Chloro-3-methylphenol	ND		360		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
4-Chloroaniline	ND		360		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
4-Chlorophenyl phenyl ether	ND		360		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS010

Lab Sample ID: 440-94032-15

Date Collected: 11/21/14 16:01

Matrix: Solid

Date Received: 11/21/14 21:00

Percent Solids: 90.9

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Methylphenol + 4-Methylphenol	ND		360		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
4-Nitroaniline	ND		900		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
4-Nitrophenol	ND		900		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
Acenaphthene	ND		360		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
Acenaphthylene	ND		360		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
Aniline	ND		460		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
Anthracene	ND		360		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
Benzidine	ND *		1500		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
Benzo[a]anthracene	ND		360		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
Benzo[a]pyrene	ND *		360		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
Benzo[b]fluoranthene	ND *		360		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
Benzo[g,h,i]perylene	ND *		360		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
Benzo[k]fluoranthene	ND *		360		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
Benzoic acid	ND		900		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
Benzyl alcohol	ND		360		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
Bis(2-chloroethoxy)methane	ND		360		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
Bis(2-chloroethyl)ether	ND		360		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
Bis(2-ethylhexyl) phthalate	ND		360		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
Butyl benzyl phthalate	ND		360		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
Chrysene	ND		360		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
Dibenz(a,h)anthracene	ND *		460		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
Dibenzo furan	ND		360		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
Diethyl phthalate	ND		360		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
Dimethyl phthalate	ND		360		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
Di-n-butyl phthalate	ND		360		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
Di-n-octyl phthalate	ND		360		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
Fluoranthene	ND		360		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
Fluorene	ND		360		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
Hexachlorobenzene	ND		360		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
Hexachlorobutadiene	ND		360		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
Hexachlorocyclopentadiene	ND		900		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
Hexachloroethane	ND		360		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
Indeno[1,2,3-cd]pyrene	ND *		360		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
Isophorone	ND		360		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
Naphthalene	ND		360		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
Nitrobenzene	ND		360		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
N-Nitrosodi-n-propylamine	ND		270		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
N-Nitrosodiphenylamine	ND		360		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
Pentachlorophenol	ND		900		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
Phenanthrene	ND		360		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
Phenol	ND		360		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
Pyrene	ND		360		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
bis (2-chloroisopropyl) ether	ND		360		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
N-Nitrosodimethylamine	ND		360		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	91		35 - 120				11/21/14 21:53	11/22/14 07:05	1
2-Fluorophenol (Surr)	76		25 - 120				11/21/14 21:53	11/22/14 07:05	1
2,4,6-Tribromophenol (Surr)	97		35 - 125				11/21/14 21:53	11/22/14 07:05	1
Nitrobenzene-d5 (Surr)	73		30 - 120				11/21/14 21:53	11/22/14 07:05	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS010

Lab Sample ID: 440-94032-15

Date Collected: 11/21/14 16:01

Matrix: Solid

Date Received: 11/21/14 21:00

Percent Solids: 90.9

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14 (Surr)	80		40 - 135	11/21/14 21:53	11/22/14 07:05	1
Phenol-d6 (Surr)	77		35 - 120	11/21/14 21:53	11/22/14 07:05	1

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		430		ug/Kg	⊗		11/22/14 05:03	1
Surrogate	%Recovery	Qualifier	Limits			⊗	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		65 - 140			⊗		11/22/14 05:03	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	58		5.5		mg/Kg	⊗	11/21/14 21:51	11/22/14 07:00	1
C23-C40	79		5.5		mg/Kg	⊗	11/21/14 21:51	11/22/14 07:00	1
Surrogate	%Recovery	Qualifier	Limits			⊗	Prepared	Analyzed	Dil Fac
n-Octacosane	54		40 - 140			⊗	11/21/14 21:51	11/22/14 07:00	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:36	5
Arsenic	5.9		3.3		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:36	5
Barium	120		1.6		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:36	5
Beryllium	ND		0.54		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:36	5
Cadmium	1.4		0.54		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:36	5
Chromium	28		1.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:36	5
Cobalt	4.8		1.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:36	5
Copper	54		2.2		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:36	5
Lead	17		2.2		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:36	5
Molybdenum	2.6		2.2		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:36	5
Nickel	27		2.2		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:36	5
Selenium	ND		3.3		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:36	5
Thallium	ND		11		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:36	5
Vanadium	49		1.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:36	5
Zinc	120		5.4		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:36	5
Silver	ND		1.6		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:36	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.022		mg/Kg	⊗	11/21/14 22:02	11/22/14 07:30	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	9.1		0.10		%			12/17/14 16:13	1
Percent Solids	91		0.10		%			12/17/14 16:13	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS009

Lab Sample ID: 440-94032-16

Date Collected: 11/21/14 16:17
 Date Received: 11/21/14 21:00

Matrix: Solid

Percent Solids: 93.9

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND *		5.3		ug/Kg	⊗		11/22/14 14:16	1
1,1,1-Trichloroethane	ND		2.1		ug/Kg	⊗		11/22/14 14:16	1
1,1,2,2-Tetrachloroethane	ND *		2.1		ug/Kg	⊗		11/22/14 14:16	1
1,1,2-Trichloroethane	ND *		2.1		ug/Kg	⊗		11/22/14 14:16	1
1,1-Dichloroethane	ND		2.1		ug/Kg	⊗		11/22/14 14:16	1
1,1-Dichloroethene	ND		5.3		ug/Kg	⊗		11/22/14 14:16	1
1,1-Dichloropropene	ND		2.1		ug/Kg	⊗		11/22/14 14:16	1
1,2,3-Trichlorobenzene	ND *		5.3		ug/Kg	⊗		11/22/14 14:16	1
1,2,3-Trichloropropane	ND *		11		ug/Kg	⊗		11/22/14 14:16	1
1,2,4-Trichlorobenzene	ND *		5.3		ug/Kg	⊗		11/22/14 14:16	1
1,2,4-Trimethylbenzene	ND *		2.1		ug/Kg	⊗		11/22/14 14:16	1
1,2-Dibromo-3-Chloropropane	ND *		5.3		ug/Kg	⊗		11/22/14 14:16	1
1,2-Dibromoethane (EDB)	ND *		2.1		ug/Kg	⊗		11/22/14 14:16	1
1,2-Dichlorobenzene	ND *		2.1		ug/Kg	⊗		11/22/14 14:16	1
1,2-Dichloroethane	ND		2.1		ug/Kg	⊗		11/22/14 14:16	1
1,2-Dichloropropene	ND		2.1		ug/Kg	⊗		11/22/14 14:16	1
1,3,5-Trimethylbenzene	ND *		2.1		ug/Kg	⊗		11/22/14 14:16	1
1,3-Dichlorobenzene	ND *		2.1		ug/Kg	⊗		11/22/14 14:16	1
1,3-Dichloropropane	ND *		2.1		ug/Kg	⊗		11/22/14 14:16	1
1,4-Dichlorobenzene	ND *		2.1		ug/Kg	⊗		11/22/14 14:16	1
2,2-Dichloropropane	ND		2.1		ug/Kg	⊗		11/22/14 14:16	1
2-Chlorotoluene	ND *		5.3		ug/Kg	⊗		11/22/14 14:16	1
4-Chlorotoluene	ND *		5.3		ug/Kg	⊗		11/22/14 14:16	1
Benzene	ND		2.1		ug/Kg	⊗		11/22/14 14:16	1
Bromobenzene	ND *		5.3		ug/Kg	⊗		11/22/14 14:16	1
Bromochloromethane	ND		5.3		ug/Kg	⊗		11/22/14 14:16	1
Bromodichloromethane	ND		2.1		ug/Kg	⊗		11/22/14 14:16	1
Bromoform	ND *		5.3		ug/Kg	⊗		11/22/14 14:16	1
Bromomethane	ND		5.3		ug/Kg	⊗		11/22/14 14:16	1
Carbon tetrachloride	ND		5.3		ug/Kg	⊗		11/22/14 14:16	1
Chlorobenzene	ND *		2.1		ug/Kg	⊗		11/22/14 14:16	1
Chloroethane	ND		5.3		ug/Kg	⊗		11/22/14 14:16	1
Chloroform	ND		2.1		ug/Kg	⊗		11/22/14 14:16	1
Chloromethane	ND		5.3		ug/Kg	⊗		11/22/14 14:16	1
cis-1,2-Dichloroethene	ND		2.1		ug/Kg	⊗		11/22/14 14:16	1
cis-1,3-Dichloropropene	ND *		2.1		ug/Kg	⊗		11/22/14 14:16	1
Dibromochloromethane	ND *		2.1		ug/Kg	⊗		11/22/14 14:16	1
Dibromomethane	ND		2.1		ug/Kg	⊗		11/22/14 14:16	1
Dichlorodifluoromethane	ND		5.3		ug/Kg	⊗		11/22/14 14:16	1
Ethylbenzene	ND *		2.1		ug/Kg	⊗		11/22/14 14:16	1
Hexachlorobutadiene	ND *		5.3		ug/Kg	⊗		11/22/14 14:16	1
Isopropylbenzene	ND *		2.1		ug/Kg	⊗		11/22/14 14:16	1
m,p-Xylene	ND *		4.3		ug/Kg	⊗		11/22/14 14:16	1
Methylene Chloride	ND		21		ug/Kg	⊗		11/22/14 14:16	1
Methyl-t-Butyl Ether (MTBE)	ND		5.3		ug/Kg	⊗		11/22/14 14:16	1
Naphthalene	ND *		5.3		ug/Kg	⊗		11/22/14 14:16	1
n-Butylbenzene	ND *		5.3		ug/Kg	⊗		11/22/14 14:16	1
N-Propylbenzene	ND *		2.1		ug/Kg	⊗		11/22/14 14:16	1
o-Xylene	ND *		2.1		ug/Kg	⊗		11/22/14 14:16	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS009

Lab Sample ID: 440-94032-16

Date Collected: 11/21/14 16:17

Matrix: Solid

Date Received: 11/21/14 21:00

Percent Solids: 93.9

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND *		5.3		ug/Kg	⊗		11/22/14 14:16	1
Styrene	ND *		2.1		ug/Kg	⊗		11/22/14 14:16	1
Tert-amyl-methyl ether (TAME)	ND		5.3		ug/Kg	⊗		11/22/14 14:16	1
tert-Butylbenzene	ND *		5.3		ug/Kg	⊗		11/22/14 14:16	1
Tetrachloroethene	ND *		2.1		ug/Kg	⊗		11/22/14 14:16	1
Toluene	ND *		2.1		ug/Kg	⊗		11/22/14 14:16	1
trans-1,2-Dichloroethene	ND		2.1		ug/Kg	⊗		11/22/14 14:16	1
trans-1,3-Dichloropropene	ND *		2.1		ug/Kg	⊗		11/22/14 14:16	1
Trichloroethene	ND		2.1		ug/Kg	⊗		11/22/14 14:16	1
Trichlorofluoromethane	ND		5.3		ug/Kg	⊗		11/22/14 14:16	1
Vinyl chloride	ND		5.3		ug/Kg	⊗		11/22/14 14:16	1
Xylenes, Total	ND *		4.3		ug/Kg	⊗		11/22/14 14:16	1
Isopropyl Ether (DIPE)	ND		5.3		ug/Kg	⊗		11/22/14 14:16	1
Ethyl-t-butyl ether (ETBE)	ND		5.3		ug/Kg	⊗		11/22/14 14:16	1
tert-Butyl alcohol (TBA)	ND		110		ug/Kg	⊗		11/22/14 14:16	1
p-Isopropyltoluene	ND *		2.1		ug/Kg	⊗		11/22/14 14:16	1

Surrogate

	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	122	*	79 - 123		11/22/14 14:16	1
4-Bromofluorobenzene (Surr)	119	*	79 - 120		11/22/14 14:16	1
Dibromofluoromethane (Surr)	124	X	60 - 120		11/22/14 14:16	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		700		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
1,2-Dichlorobenzene	ND		700		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
1,2-Diphenylhydrazine(as Azobenzene)	ND		700		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
1,3-Dichlorobenzene	ND		700		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
1,4-Dichlorobenzene	ND		700		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
2,4,5-Trichlorophenol	ND		700		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
2,4,6-Trichlorophenol	ND		700		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
2,4-Dichlorophenol	ND		700		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
2,4-Dimethylphenol	ND		700		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
2,4-Dinitrophenol	ND		1400		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
2,4-Dinitrotoluene	ND		700		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
2,6-Dinitrotoluene	ND		700		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
2-Chloronaphthalene	ND		700		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
2-Chlorophenol	ND		700		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
2-Methylnaphthalene	ND		700		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
2-Methylphenol	ND		700		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
2-Nitroaniline	ND		700		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
2-Nitrophenol	ND		700		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
3,3'-Dichlorobenzidine	ND		1800		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
3-Nitroaniline	ND		700		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
4,6-Dinitro-2-methylphenol	ND		890		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
4-Bromophenyl phenyl ether	ND		700		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
4-Chloro-3-methylphenol	ND		700		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
4-Chloroaniline	ND		700		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
4-Chlorophenyl phenyl ether	ND		700		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS009

Lab Sample ID: 440-94032-16

Date Collected: 11/21/14 16:17

Matrix: Solid

Date Received: 11/21/14 21:00

Percent Solids: 93.9

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Methylphenol + 4-Methylphenol	ND		700		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
4-Nitroaniline	ND		1800		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
4-Nitrophenol	ND		1800		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
Acenaphthene	ND		700		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
Acenaphthylene	ND		700		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
Aniline	ND		890		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
Anthracene	ND		700		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
Benzidine	ND *		2800		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
Benzo[a]anthracene	ND		700		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
Benzo[a]pyrene	ND *		700		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
Benzo[b]fluoranthene	ND *		700		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
Benzo[g,h,i]perylene	ND *		700		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
Benzo[k]fluoranthene	ND *		700		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
Benzoic acid	ND		1800		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
Benzyl alcohol	ND		700		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
Bis(2-chloroethoxy)methane	ND		700		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
Bis(2-chloroethyl)ether	ND		700		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
Bis(2-ethylhexyl) phthalate	ND		700		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
Butyl benzyl phthalate	ND		700		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
Chrysene	ND		700		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
Dibenz(a,h)anthracene	ND *		890		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
Dibenzofuran	ND		700		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
Diethyl phthalate	ND		700		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
Dimethyl phthalate	ND		700		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
Di-n-butyl phthalate	ND		700		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
Di-n-octyl phthalate	ND		700		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
Fluoranthene	ND		700		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
Fluorene	ND		700		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
Hexachlorobenzene	ND		700		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
Hexachlorobutadiene	ND		700		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
Hexachlorocyclopentadiene	ND		1800		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
Hexachloroethane	ND		700		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
Indeno[1,2,3-cd]pyrene	ND *		700		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
Isophorone	ND		700		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
Naphthalene	ND		700		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
Nitrobenzene	ND		700		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
N-Nitrosodi-n-propylamine	ND		530		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
N-Nitrosodiphenylamine	ND		700		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
Pentachlorophenol	ND		1800		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
Phenanthrene	ND		700		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
Phenol	ND		700		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
Pyrene	ND		700		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
bis (2-chloroisopropyl) ether	ND		700		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
N-Nitrosodimethylamine	ND		700		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:25	2
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	64		35 - 120				11/21/14 21:53	11/22/14 07:25	2
2-Fluorophenol (Surr)	53		25 - 120				11/21/14 21:53	11/22/14 07:25	2
2,4,6-Tribromophenol (Surr)	71		35 - 125				11/21/14 21:53	11/22/14 07:25	2
Nitrobenzene-d5 (Surr)	53		30 - 120				11/21/14 21:53	11/22/14 07:25	2

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS009

Lab Sample ID: 440-94032-16

Date Collected: 11/21/14 16:17
 Date Received: 11/21/14 21:00

Matrix: Solid

Percent Solids: 93.9

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14 (Surr)	54		40 - 135	11/21/14 21:53	11/22/14 07:25	2
Phenol-d6 (Surr)	55		35 - 120	11/21/14 21:53	11/22/14 07:25	2

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		410		ug/Kg	⊗		11/22/14 11:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	57	X	65 - 140					11/22/14 11:34	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	180		5.2		mg/Kg	⊗	11/21/14 21:51	11/22/14 07:40	1
C23-C40	340		5.2		mg/Kg	⊗	11/21/14 21:51	11/22/14 07:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
n-Octacosane	62		40 - 140				11/21/14 21:51	11/22/14 07:40	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:38	5
Arsenic	5.1		3.2		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:38	5
Barium	160		1.6		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:38	5
Beryllium	ND		0.53		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:38	5
Cadmium	1.2		0.53		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:38	5
Chromium	21		1.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:38	5
Cobalt	4.7		1.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:38	5
Copper	67		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:38	5
Lead	29		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:38	5
Molybdenum	ND		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:38	5
Nickel	21		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:38	5
Selenium	ND		3.2		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:38	5
Thallium	ND		11		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:38	5
Vanadium	28		1.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:38	5
Zinc	230		5.3		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:38	5
Silver	ND		1.6		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:38	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.046		0.021		mg/Kg	⊗	11/21/14 22:02	11/22/14 07:33	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	6.1		0.10	%			12/17/14 16:13	1
Percent Solids	94		0.10	%			12/17/14 16:13	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS008

Lab Sample ID: 440-94032-17

Date Collected: 11/21/14 16:45

Matrix: Solid

Date Received: 11/21/14 21:00

Percent Solids: 96.6

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.2		ug/Kg	⊗		11/22/14 00:35	1
1,1,1-Trichloroethane	ND		2.1		ug/Kg	⊗		11/22/14 00:35	1
1,1,2,2-Tetrachloroethane	ND		2.1		ug/Kg	⊗		11/22/14 00:35	1
1,1,2-Trichloroethane	ND		2.1		ug/Kg	⊗		11/22/14 00:35	1
1,1-Dichloroethane	ND		2.1		ug/Kg	⊗		11/22/14 00:35	1
1,1-Dichloroethene	ND		5.2		ug/Kg	⊗		11/22/14 00:35	1
1,1-Dichloropropene	ND		2.1		ug/Kg	⊗		11/22/14 00:35	1
1,2,3-Trichlorobenzene	ND		5.2		ug/Kg	⊗		11/22/14 00:35	1
1,2,3-Trichloropropane	ND		10		ug/Kg	⊗		11/22/14 00:35	1
1,2,4-Trichlorobenzene	ND		5.2		ug/Kg	⊗		11/22/14 00:35	1
1,2,4-Trimethylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 00:35	1
1,2-Dibromo-3-Chloropropane	ND		5.2		ug/Kg	⊗		11/22/14 00:35	1
1,2-Dibromoethane (EDB)	ND		2.1		ug/Kg	⊗		11/22/14 00:35	1
1,2-Dichlorobenzene	ND		2.1		ug/Kg	⊗		11/22/14 00:35	1
1,2-Dichloroethane	ND		2.1		ug/Kg	⊗		11/22/14 00:35	1
1,2-Dichloropropene	ND		2.1		ug/Kg	⊗		11/22/14 00:35	1
1,3,5-Trimethylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 00:35	1
1,3-Dichlorobenzene	ND		2.1		ug/Kg	⊗		11/22/14 00:35	1
1,3-Dichloropropane	ND		2.1		ug/Kg	⊗		11/22/14 00:35	1
1,4-Dichlorobenzene	ND		2.1		ug/Kg	⊗		11/22/14 00:35	1
2,2-Dichloropropane	ND		2.1		ug/Kg	⊗		11/22/14 00:35	1
2-Chlorotoluene	ND		5.2		ug/Kg	⊗		11/22/14 00:35	1
4-Chlorotoluene	ND		5.2		ug/Kg	⊗		11/22/14 00:35	1
Benzene	ND		2.1		ug/Kg	⊗		11/22/14 00:35	1
Bromobenzene	ND		5.2		ug/Kg	⊗		11/22/14 00:35	1
Bromochloromethane	ND		5.2		ug/Kg	⊗		11/22/14 00:35	1
Bromodichloromethane	ND		2.1		ug/Kg	⊗		11/22/14 00:35	1
Bromoform	ND		5.2		ug/Kg	⊗		11/22/14 00:35	1
Bromomethane	ND		5.2		ug/Kg	⊗		11/22/14 00:35	1
Carbon tetrachloride	ND		5.2		ug/Kg	⊗		11/22/14 00:35	1
Chlorobenzene	ND		2.1		ug/Kg	⊗		11/22/14 00:35	1
Chloroethane	ND		5.2		ug/Kg	⊗		11/22/14 00:35	1
Chloroform	ND		2.1		ug/Kg	⊗		11/22/14 00:35	1
Chloromethane	ND		5.2		ug/Kg	⊗		11/22/14 00:35	1
cis-1,2-Dichloroethene	ND		2.1		ug/Kg	⊗		11/22/14 00:35	1
cis-1,3-Dichloropropene	ND		2.1		ug/Kg	⊗		11/22/14 00:35	1
Dibromochloromethane	ND		2.1		ug/Kg	⊗		11/22/14 00:35	1
Dibromomethane	ND		2.1		ug/Kg	⊗		11/22/14 00:35	1
Dichlorodifluoromethane	ND		5.2		ug/Kg	⊗		11/22/14 00:35	1
Ethylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 00:35	1
Hexachlorobutadiene	ND		5.2		ug/Kg	⊗		11/22/14 00:35	1
Isopropylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 00:35	1
m,p-Xylene	ND		4.2		ug/Kg	⊗		11/22/14 00:35	1
Methylene Chloride	ND		21		ug/Kg	⊗		11/22/14 00:35	1
Methyl-t-Butyl Ether (MTBE)	ND		5.2		ug/Kg	⊗		11/22/14 00:35	1
Naphthalene	ND		5.2		ug/Kg	⊗		11/22/14 00:35	1
n-Butylbenzene	ND		5.2		ug/Kg	⊗		11/22/14 00:35	1
N-Propylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 00:35	1
o-Xylene	ND		2.1		ug/Kg	⊗		11/22/14 00:35	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS008

Date Collected: 11/21/14 16:45

Date Received: 11/21/14 21:00

Lab Sample ID: 440-94032-17

Matrix: Solid

Percent Solids: 96.6

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		5.2		ug/Kg	⊗		11/22/14 00:35	1
Styrene	ND		2.1		ug/Kg	⊗		11/22/14 00:35	1
Tert-amyl-methyl ether (TAME)	ND		5.2		ug/Kg	⊗		11/22/14 00:35	1
tert-Butylbenzene	ND		5.2		ug/Kg	⊗		11/22/14 00:35	1
Tetrachloroethene	ND		2.1		ug/Kg	⊗		11/22/14 00:35	1
Toluene	ND		2.1		ug/Kg	⊗		11/22/14 00:35	1
trans-1,2-Dichloroethene	ND		2.1		ug/Kg	⊗		11/22/14 00:35	1
trans-1,3-Dichloropropene	ND		2.1		ug/Kg	⊗		11/22/14 00:35	1
Trichloroethene	ND		2.1		ug/Kg	⊗		11/22/14 00:35	1
Trichlorofluoromethane	ND		5.2		ug/Kg	⊗		11/22/14 00:35	1
Vinyl chloride	ND		5.2		ug/Kg	⊗		11/22/14 00:35	1
Xylenes, Total	ND		4.2		ug/Kg	⊗		11/22/14 00:35	1
Isopropyl Ether (DIPE)	ND		5.2		ug/Kg	⊗		11/22/14 00:35	1
Ethyl-t-butyl ether (ETBE)	ND		5.2		ug/Kg	⊗		11/22/14 00:35	1
tert-Butyl alcohol (TBA)	ND		100		ug/Kg	⊗		11/22/14 00:35	1
p-Isopropyltoluene	ND		2.1		ug/Kg	⊗		11/22/14 00:35	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	101			79 - 123				11/22/14 00:35	1
4-Bromofluorobenzene (Surr)	96			79 - 120				11/22/14 00:35	1
Dibromofluoromethane (Surr)	105			60 - 120				11/22/14 00:35	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
1,2-Dichlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
1,2-Diphenylhydrazine(as Azobenzene)	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
1,3-Dichlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
1,4-Dichlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
2,4,5-Trichlorophenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
2,4,6-Trichlorophenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
2,4-Dichlorophenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
2,4-Dimethylphenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
2,4-Dinitrophenol	ND		680		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
2,4-Dinitrotoluene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
2,6-Dinitrotoluene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
2-Chloronaphthalene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
2-Chlorophenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
2-Methylnaphthalene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
2-Methylphenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
2-Nitroaniline	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
2-Nitrophenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
3,3'-Dichlorobenzidine	ND		850		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
3-Nitroaniline	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
4,6-Dinitro-2-methylphenol	ND		430		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
4-Bromophenyl phenyl ether	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
4-Chloro-3-methylphenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
4-Chloroaniline	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
4-Chlorophenyl phenyl ether	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS008

Lab Sample ID: 440-94032-17

Date Collected: 11/21/14 16:45

Matrix: Solid

Date Received: 11/21/14 21:00

Percent Solids: 96.6

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Methylphenol + 4-Methylphenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
4-Nitroaniline	ND		850		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
4-Nitrophenol	ND		850		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
Acenaphthene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
Acenaphthylene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
Aniline	ND		430		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
Anthracene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
Benzidine	ND *		1400		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
Benzo[a]anthracene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
Benzo[a]pyrene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
Benzo[b]fluoranthene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
Benzo[g,h,i]perylene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
Benzo[k]fluoranthene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
Benzoic acid	ND		850		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
Benzyl alcohol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
Bis(2-chloroethoxy)methane	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
Bis(2-chloroethyl)ether	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
Bis(2-ethylhexyl) phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
Butyl benzyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
Chrysene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
Dibenz(a,h)anthracene	ND		430		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
Dibenzo furan	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
Diethyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
Dimethyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
Di-n-butyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
Di-n-octyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
Fluoranthene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
Fluorene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
Hexachlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
Hexachlorobutadiene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
Hexachlorocyclopentadiene	ND		850		ug/Kg	⊗	11/21/14 21:53	11/22/14 07:47	1
Hexachloroethane	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
Indeno[1,2,3-cd]pyrene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
Isophorone	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
Naphthalene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
Nitrobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
N-Nitrosodi-n-propylamine	ND		260		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
N-Nitrosodiphenylamine	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
Pentachlorophenol	ND		850		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
Phenanthrene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
Phenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
Pyrene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
bis (2-chloroisopropyl) ether	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
N-Nitrosodimethylamine	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	86		35 - 120				11/21/14 21:53	11/22/14 19:36	1
2-Fluorophenol (Surr)	76		25 - 120				11/21/14 21:53	11/22/14 19:36	1
2,4,6-Tribromophenol (Surr)	88		35 - 125				11/21/14 21:53	11/22/14 19:36	1
Nitrobenzene-d5 (Surr)	71		30 - 120				11/21/14 21:53	11/22/14 19:36	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS008

Lab Sample ID: 440-94032-17

Date Collected: 11/21/14 16:45

Matrix: Solid

Date Received: 11/21/14 21:00

Percent Solids: 96.6

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14 (Surr)	78		40 - 135	11/21/14 21:53	11/22/14 19:36	1
Phenol-d6 (Surr)	76		35 - 120	11/21/14 21:53	11/22/14 19:36	1

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		410		ug/Kg	⊗		11/22/14 05:59	1
Surrogate	%Recovery	Qualifier	Limits			⊗	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		65 - 140					11/22/14 05:59	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	10		5.1		mg/Kg	⊗	11/21/14 21:51	11/22/14 06:01	1
C23-C40	26		5.1		mg/Kg	⊗	11/21/14 21:51	11/22/14 06:01	1
Surrogate	%Recovery	Qualifier	Limits			⊗	Prepared	Analyzed	Dil Fac
n-Octacosane	46		40 - 140				11/21/14 21:51	11/22/14 06:01	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:40	5
Arsenic	8.1		3.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:40	5
Barium	180		1.5		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:40	5
Beryllium	0.68		0.52		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:40	5
Cadmium	1.7		0.52		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:40	5
Chromium	43		1.0		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:40	5
Cobalt	7.8		1.0		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:40	5
Copper	35		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:40	5
Lead	11		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:40	5
Molybdenum	3.0		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:40	5
Nickel	43		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:40	5
Selenium	ND		3.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:40	5
Thallium	ND		10		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:40	5
Vanadium	68		1.0		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:40	5
Zinc	94		5.2		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:40	5
Silver	ND		1.5		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:40	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.044		0.020		mg/Kg	⊗	11/21/14 22:20	11/22/14 02:27	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	3.4		0.10	%			12/17/14 16:13	1
Percent Solids	97		0.10	%			12/17/14 16:13	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS007

Lab Sample ID: 440-94032-19

Date Collected: 11/21/14 14:14
 Date Received: 11/21/14 21:00

Matrix: Solid

Percent Solids: 96.7

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.2		ug/Kg	⊗		11/22/14 01:05	1
1,1,1-Trichloroethane	ND		2.1		ug/Kg	⊗		11/22/14 01:05	1
1,1,2,2-Tetrachloroethane	ND		2.1		ug/Kg	⊗		11/22/14 01:05	1
1,1,2-Trichloroethane	ND		2.1		ug/Kg	⊗		11/22/14 01:05	1
1,1-Dichloroethane	ND		2.1		ug/Kg	⊗		11/22/14 01:05	1
1,1-Dichloroethene	ND		5.2		ug/Kg	⊗		11/22/14 01:05	1
1,1-Dichloropropene	ND		2.1		ug/Kg	⊗		11/22/14 01:05	1
1,2,3-Trichlorobenzene	ND		5.2		ug/Kg	⊗		11/22/14 01:05	1
1,2,3-Trichloropropane	ND		10		ug/Kg	⊗		11/22/14 01:05	1
1,2,4-Trichlorobenzene	ND		5.2		ug/Kg	⊗		11/22/14 01:05	1
1,2,4-Trimethylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 01:05	1
1,2-Dibromo-3-Chloropropane	ND		5.2		ug/Kg	⊗		11/22/14 01:05	1
1,2-Dibromoethane (EDB)	ND		2.1		ug/Kg	⊗		11/22/14 01:05	1
1,2-Dichlorobenzene	ND		2.1		ug/Kg	⊗		11/22/14 01:05	1
1,2-Dichloroethane	ND		2.1		ug/Kg	⊗		11/22/14 01:05	1
1,2-Dichloropropene	ND		2.1		ug/Kg	⊗		11/22/14 01:05	1
1,3,5-Trimethylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 01:05	1
1,3-Dichlorobenzene	ND		2.1		ug/Kg	⊗		11/22/14 01:05	1
1,3-Dichloropropane	ND		2.1		ug/Kg	⊗		11/22/14 01:05	1
1,4-Dichlorobenzene	ND		2.1		ug/Kg	⊗		11/22/14 01:05	1
2,2-Dichloropropane	ND		2.1		ug/Kg	⊗		11/22/14 01:05	1
2-Chlorotoluene	ND		5.2		ug/Kg	⊗		11/22/14 01:05	1
4-Chlorotoluene	ND		5.2		ug/Kg	⊗		11/22/14 01:05	1
Benzene	ND		2.1		ug/Kg	⊗		11/22/14 01:05	1
Bromobenzene	ND		5.2		ug/Kg	⊗		11/22/14 01:05	1
Bromochloromethane	ND		5.2		ug/Kg	⊗		11/22/14 01:05	1
Bromodichloromethane	ND		2.1		ug/Kg	⊗		11/22/14 01:05	1
Bromoform	ND		5.2		ug/Kg	⊗		11/22/14 01:05	1
Bromomethane	ND		5.2		ug/Kg	⊗		11/22/14 01:05	1
Carbon tetrachloride	ND		5.2		ug/Kg	⊗		11/22/14 01:05	1
Chlorobenzene	ND		2.1		ug/Kg	⊗		11/22/14 01:05	1
Chloroethane	ND		5.2		ug/Kg	⊗		11/22/14 01:05	1
Chloroform	ND		2.1		ug/Kg	⊗		11/22/14 01:05	1
Chloromethane	ND		5.2		ug/Kg	⊗		11/22/14 01:05	1
cis-1,2-Dichloroethene	ND		2.1		ug/Kg	⊗		11/22/14 01:05	1
cis-1,3-Dichloropropene	ND		2.1		ug/Kg	⊗		11/22/14 01:05	1
Dibromochloromethane	ND		2.1		ug/Kg	⊗		11/22/14 01:05	1
Dibromomethane	ND		2.1		ug/Kg	⊗		11/22/14 01:05	1
Dichlorodifluoromethane	ND		5.2		ug/Kg	⊗		11/22/14 01:05	1
Ethylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 01:05	1
Hexachlorobutadiene	ND		5.2		ug/Kg	⊗		11/22/14 01:05	1
Isopropylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 01:05	1
m,p-Xylene	ND		4.1		ug/Kg	⊗		11/22/14 01:05	1
Methylene Chloride	ND		21		ug/Kg	⊗		11/22/14 01:05	1
Methyl-t-Butyl Ether (MTBE)	ND		5.2		ug/Kg	⊗		11/22/14 01:05	1
Naphthalene	ND		5.2		ug/Kg	⊗		11/22/14 01:05	1
n-Butylbenzene	ND		5.2		ug/Kg	⊗		11/22/14 01:05	1
N-Propylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 01:05	1
o-Xylene	ND		2.1		ug/Kg	⊗		11/22/14 01:05	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS007

Date Collected: 11/21/14 14:14

Date Received: 11/21/14 21:00

Lab Sample ID: 440-94032-19

Matrix: Solid

Percent Solids: 96.7

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		5.2		ug/Kg	⊗		11/22/14 01:05	1
Styrene	ND		2.1		ug/Kg	⊗		11/22/14 01:05	1
Tert-amyl-methyl ether (TAME)	ND		5.2		ug/Kg	⊗		11/22/14 01:05	1
tert-Butylbenzene	ND		5.2		ug/Kg	⊗		11/22/14 01:05	1
Tetrachloroethene	ND		2.1		ug/Kg	⊗		11/22/14 01:05	1
Toluene	ND		2.1		ug/Kg	⊗		11/22/14 01:05	1
trans-1,2-Dichloroethene	ND		2.1		ug/Kg	⊗		11/22/14 01:05	1
trans-1,3-Dichloropropene	ND		2.1		ug/Kg	⊗		11/22/14 01:05	1
Trichloroethene	ND		2.1		ug/Kg	⊗		11/22/14 01:05	1
Trichlorofluoromethane	ND		5.2		ug/Kg	⊗		11/22/14 01:05	1
Vinyl chloride	ND		5.2		ug/Kg	⊗		11/22/14 01:05	1
Xylenes, Total	ND		4.1		ug/Kg	⊗		11/22/14 01:05	1
Isopropyl Ether (DIPE)	ND		5.2		ug/Kg	⊗		11/22/14 01:05	1
Ethyl-t-butyl ether (ETBE)	ND		5.2		ug/Kg	⊗		11/22/14 01:05	1
tert-Butyl alcohol (TBA)	ND		100		ug/Kg	⊗		11/22/14 01:05	1
p-Isopropyltoluene	ND		2.1		ug/Kg	⊗		11/22/14 01:05	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99			79 - 123				11/22/14 01:05	1
4-Bromofluorobenzene (Surr)	94			79 - 120				11/22/14 01:05	1
Dibromofluoromethane (Surr)	106			60 - 120				11/22/14 01:05	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
1,2-Dichlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
1,2-Diphenylhydrazine(as Azobenzene)	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
1,3-Dichlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
1,4-Dichlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
2,4,5-Trichlorophenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
2,4,6-Trichlorophenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
2,4-Dichlorophenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
2,4-Dimethylphenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
2,4-Dinitrophenol	ND		680		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
2,4-Dinitrotoluene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
2,6-Dinitrotoluene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
2-Chloronaphthalene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
2-Chlorophenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
2-Methylnaphthalene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
2-Methylphenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
2-Nitroaniline	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
2-Nitrophenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
3,3'-Dichlorobenzidine	ND		850		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
3-Nitroaniline	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
4,6-Dinitro-2-methylphenol	ND		430		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
4-Bromophenyl phenyl ether	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
4-Chloro-3-methylphenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
4-Chloroaniline	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
4-Chlorophenyl phenyl ether	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS007

Lab Sample ID: 440-94032-19

Date Collected: 11/21/14 14:14

Matrix: Solid

Date Received: 11/21/14 21:00

Percent Solids: 96.7

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Methylphenol + 4-Methylphenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
4-Nitroaniline	ND		850		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
4-Nitrophenol	ND		850		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
Acenaphthene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
Acenaphthylene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
Aniline	ND		430		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
Anthracene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
Benzidine	ND *		1400		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
Benzo[a]anthracene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
Benzo[a]pyrene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
Benzo[b]fluoranthene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
Benzo[g,h,i]perylene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
Benzo[k]fluoranthene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
Benzoic acid	ND		850		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
Benzyl alcohol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
Bis(2-chloroethoxy)methane	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
Bis(2-chloroethyl)ether	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
Bis(2-ethylhexyl) phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
Butyl benzyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
Chrysene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
Dibenz(a,h)anthracene	ND		430		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
Dibenzo furan	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
Diethyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
Dimethyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
Di-n-butyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
Di-n-octyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
Fluoranthene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
Fluorene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
Hexachlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
Hexachlorobutadiene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
Hexachlorocyclopentadiene	ND		850		ug/Kg	⊗	11/21/14 21:53	11/22/14 08:08	1
Hexachloroethane	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
Indeno[1,2,3-cd]pyrene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
Isophorone	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
Naphthalene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
Nitrobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
N-Nitrosodi-n-propylamine	ND		260		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
N-Nitrosodiphenylamine	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
Pentachlorophenol	ND		850		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
Phenanthrene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
Phenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
Pyrene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
bis (2-chloroisopropyl) ether	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
N-Nitrosodimethylamine	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	65		35 - 120				11/21/14 21:53	11/22/14 18:12	1
2-Fluorophenol (Surr)	55		25 - 120				11/21/14 21:53	11/22/14 18:12	1
2,4,6-Tribromophenol (Surr)	67		35 - 125				11/21/14 21:53	11/22/14 18:12	1
Nitrobenzene-d5 (Surr)	54		30 - 120				11/21/14 21:53	11/22/14 18:12	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS007

Lab Sample ID: 440-94032-19

Date Collected: 11/21/14 14:14
 Date Received: 11/21/14 21:00

Matrix: Solid

Percent Solids: 96.7

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14 (Surr)	56		40 - 135	11/21/14 21:53	11/22/14 18:12	1
Phenol-d6 (Surr)	60		35 - 120	11/21/14 21:53	11/22/14 18:12	1

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		390		ug/Kg	⊗		11/22/14 06:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		65 - 140					11/22/14 06:27	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	6.6		5.2		mg/Kg	⊗	11/21/14 21:51	11/22/14 04:21	1
C23-C40	26		5.2		mg/Kg	⊗	11/21/14 21:51	11/22/14 04:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
n-Octacosane	49		40 - 140				11/21/14 21:51	11/22/14 04:21	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:42	5
Arsenic	7.7		3.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:42	5
Barium	180		1.5		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:42	5
Beryllium	0.66		0.51		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:42	5
Cadmium	1.6		0.51		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:42	5
Chromium	42		1.0		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:42	5
Cobalt	7.6		1.0		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:42	5
Copper	34		2.0		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:42	5
Lead	10		2.0		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:42	5
Molybdenum	3.0		2.0		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:42	5
Nickel	42		2.0		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:42	5
Selenium	ND		3.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:42	5
Thallium	ND		10		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:42	5
Vanadium	67		1.0		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:42	5
Zinc	93		5.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:42	5
Silver	ND		1.5		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:42	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.041		0.021		mg/Kg	⊗	11/21/14 22:20	11/22/14 02:34	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	3.3		0.10		%			12/17/14 16:13	1
Percent Solids	97		0.10		%			12/17/14 16:13	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS006

Lab Sample ID: 440-94032-20

Date Collected: 11/21/14 14:58
 Date Received: 11/21/14 21:00

Matrix: Solid

Percent Solids: 96.6

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.2		ug/Kg	⊗		11/22/14 01:35	1
1,1,1-Trichloroethane	ND		2.1		ug/Kg	⊗		11/22/14 01:35	1
1,1,2,2-Tetrachloroethane	ND		2.1		ug/Kg	⊗		11/22/14 01:35	1
1,1,2-Trichloroethane	ND		2.1		ug/Kg	⊗		11/22/14 01:35	1
1,1-Dichloroethane	ND		2.1		ug/Kg	⊗		11/22/14 01:35	1
1,1-Dichloroethene	ND		5.2		ug/Kg	⊗		11/22/14 01:35	1
1,1-Dichloropropene	ND		2.1		ug/Kg	⊗		11/22/14 01:35	1
1,2,3-Trichlorobenzene	ND		5.2		ug/Kg	⊗		11/22/14 01:35	1
1,2,3-Trichloropropane	ND		10		ug/Kg	⊗		11/22/14 01:35	1
1,2,4-Trichlorobenzene	ND		5.2		ug/Kg	⊗		11/22/14 01:35	1
1,2,4-Trimethylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 01:35	1
1,2-Dibromo-3-Chloropropane	ND		5.2		ug/Kg	⊗		11/22/14 01:35	1
1,2-Dibromoethane (EDB)	ND		2.1		ug/Kg	⊗		11/22/14 01:35	1
1,2-Dichlorobenzene	ND		2.1		ug/Kg	⊗		11/22/14 01:35	1
1,2-Dichloroethane	ND		2.1		ug/Kg	⊗		11/22/14 01:35	1
1,2-Dichloropropene	ND		2.1		ug/Kg	⊗		11/22/14 01:35	1
1,3,5-Trimethylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 01:35	1
1,3-Dichlorobenzene	ND		2.1		ug/Kg	⊗		11/22/14 01:35	1
1,3-Dichloropropane	ND		2.1		ug/Kg	⊗		11/22/14 01:35	1
1,4-Dichlorobenzene	ND		2.1		ug/Kg	⊗		11/22/14 01:35	1
2,2-Dichloropropane	ND		2.1		ug/Kg	⊗		11/22/14 01:35	1
2-Chlorotoluene	ND		5.2		ug/Kg	⊗		11/22/14 01:35	1
4-Chlorotoluene	ND		5.2		ug/Kg	⊗		11/22/14 01:35	1
Benzene	ND		2.1		ug/Kg	⊗		11/22/14 01:35	1
Bromobenzene	ND		5.2		ug/Kg	⊗		11/22/14 01:35	1
Bromochloromethane	ND		5.2		ug/Kg	⊗		11/22/14 01:35	1
Bromodichloromethane	ND		2.1		ug/Kg	⊗		11/22/14 01:35	1
Bromoform	ND		5.2		ug/Kg	⊗		11/22/14 01:35	1
Bromomethane	ND		5.2		ug/Kg	⊗		11/22/14 01:35	1
Carbon tetrachloride	ND		5.2		ug/Kg	⊗		11/22/14 01:35	1
Chlorobenzene	ND		2.1		ug/Kg	⊗		11/22/14 01:35	1
Chloroethane	ND		5.2		ug/Kg	⊗		11/22/14 01:35	1
Chloroform	ND		2.1		ug/Kg	⊗		11/22/14 01:35	1
Chloromethane	ND		5.2		ug/Kg	⊗		11/22/14 01:35	1
cis-1,2-Dichloroethene	ND		2.1		ug/Kg	⊗		11/22/14 01:35	1
cis-1,3-Dichloropropene	ND		2.1		ug/Kg	⊗		11/22/14 01:35	1
Dibromochloromethane	ND		2.1		ug/Kg	⊗		11/22/14 01:35	1
Dibromomethane	ND		2.1		ug/Kg	⊗		11/22/14 01:35	1
Dichlorodifluoromethane	ND		5.2		ug/Kg	⊗		11/22/14 01:35	1
Ethylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 01:35	1
Hexachlorobutadiene	ND		5.2		ug/Kg	⊗		11/22/14 01:35	1
Isopropylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 01:35	1
m,p-Xylene	ND		4.1		ug/Kg	⊗		11/22/14 01:35	1
Methylene Chloride	ND		21		ug/Kg	⊗		11/22/14 01:35	1
Methyl-t-Butyl Ether (MTBE)	ND		5.2		ug/Kg	⊗		11/22/14 01:35	1
Naphthalene	ND		5.2		ug/Kg	⊗		11/22/14 01:35	1
n-Butylbenzene	ND		5.2		ug/Kg	⊗		11/22/14 01:35	1
N-Propylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 01:35	1
o-Xylene	ND		2.1		ug/Kg	⊗		11/22/14 01:35	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS006

Date Collected: 11/21/14 14:58

Date Received: 11/21/14 21:00

Lab Sample ID: 440-94032-20

Matrix: Solid

Percent Solids: 96.6

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		5.2		ug/Kg	⊗		11/22/14 01:35	1
Styrene	ND		2.1		ug/Kg	⊗		11/22/14 01:35	1
Tert-amyl-methyl ether (TAME)	ND		5.2		ug/Kg	⊗		11/22/14 01:35	1
tert-Butylbenzene	ND		5.2		ug/Kg	⊗		11/22/14 01:35	1
Tetrachloroethene	ND		2.1		ug/Kg	⊗		11/22/14 01:35	1
Toluene	ND		2.1		ug/Kg	⊗		11/22/14 01:35	1
trans-1,2-Dichloroethene	ND		2.1		ug/Kg	⊗		11/22/14 01:35	1
trans-1,3-Dichloropropene	ND		2.1		ug/Kg	⊗		11/22/14 01:35	1
Trichloroethene	ND		2.1		ug/Kg	⊗		11/22/14 01:35	1
Trichlorofluoromethane	ND		5.2		ug/Kg	⊗		11/22/14 01:35	1
Vinyl chloride	ND		5.2		ug/Kg	⊗		11/22/14 01:35	1
Xylenes, Total	ND		4.1		ug/Kg	⊗		11/22/14 01:35	1
Isopropyl Ether (DIPE)	ND		5.2		ug/Kg	⊗		11/22/14 01:35	1
Ethyl-t-butyl ether (ETBE)	ND		5.2		ug/Kg	⊗		11/22/14 01:35	1
tert-Butyl alcohol (TBA)	ND		100		ug/Kg	⊗		11/22/14 01:35	1
p-Isopropyltoluene	ND		2.1		ug/Kg	⊗		11/22/14 01:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	101		79 - 123					11/22/14 01:35	1
4-Bromofluorobenzene (Surr)	95		79 - 120					11/22/14 01:35	1
Dibromofluoromethane (Surr)	107		60 - 120					11/22/14 01:35	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
1,2-Dichlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
1,2-Diphenylhydrazine(as Azobenzene)	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
1,3-Dichlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
1,4-Dichlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
2,4,5-Trichlorophenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
2,4,6-Trichlorophenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
2,4-Dichlorophenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
2,4-Dimethylphenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
2,4-Dinitrophenol	ND		670		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
2,4-Dinitrotoluene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
2,6-Dinitrotoluene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
2-Chloronaphthalene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
2-Chlorophenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
2-Methylnaphthalene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
2-Methylphenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
2-Nitroaniline	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
2-Nitrophenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
3,3'-Dichlorobenzidine	ND		850		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
3-Nitroaniline	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
4,6-Dinitro-2-methylphenol	ND		430		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
4-Bromophenyl phenyl ether	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
4-Chloro-3-methylphenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
4-Chloroaniline	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
4-Chlorophenyl phenyl ether	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS006

Lab Sample ID: 440-94032-20

Date Collected: 11/21/14 14:58

Matrix: Solid

Date Received: 11/21/14 21:00

Percent Solids: 96.6

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Methylphenol + 4-Methylphenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
4-Nitroaniline	ND		850		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
4-Nitrophenol	ND		850		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
Acenaphthene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
Acenaphthylene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
Aniline	ND		430		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
Anthracene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
Benzidine	ND *		1400		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
Benzo[a]anthracene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
Benzo[a]pyrene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
Benzo[b]fluoranthene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
Benzo[g,h,i]perylene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
Benzo[k]fluoranthene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
Benzoic acid	ND		850		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
Benzyl alcohol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
Bis(2-chloroethoxy)methane	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
Bis(2-chloroethyl)ether	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
Bis(2-ethylhexyl) phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
Butyl benzyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
Chrysene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
Dibenz(a,h)anthracene	ND		430		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
Dibenzo furan	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
Diethyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
Dimethyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
Di-n-butyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
Di-n-octyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
Fluoranthene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
Fluorene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
Hexachlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
Hexachlorobutadiene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
Hexachlorocyclopentadiene	ND		850		ug/Kg	⊗	11/21/14 21:53	11/22/14 08:28	1
Hexachloroethane	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
Indeno[1,2,3-cd]pyrene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
Isophorone	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
Naphthalene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
Nitrobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
N-Nitrosodi-n-propylamine	ND		260		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
N-Nitrosodiphenylamine	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
Pentachlorophenol	ND		850		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
Phenanthrene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
Phenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
Pyrene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
bis (2-chloroisopropyl) ether	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
N-Nitrosodimethylamine	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	86		35 - 120				11/21/14 21:53	11/22/14 18:33	1
2-Fluorophenol (Surr)	73		25 - 120				11/21/14 21:53	11/22/14 18:33	1
2,4,6-Tribromophenol (Surr)	87		35 - 125				11/21/14 21:53	11/22/14 18:33	1
Nitrobenzene-d5 (Surr)	71		30 - 120				11/21/14 21:53	11/22/14 18:33	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS006

Lab Sample ID: 440-94032-20

Date Collected: 11/21/14 14:58

Matrix: Solid

Date Received: 11/21/14 21:00

Percent Solids: 96.6

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14 (Surr)	75		40 - 135	11/21/14 21:53	11/22/14 18:33	1
Phenol-d6 (Surr)	77		35 - 120	11/21/14 21:53	11/22/14 18:33	1

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		390		ug/Kg	⊗		11/22/14 06:55	1
Surrogate	%Recovery	Qualifier	Limits			⊗	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	77		65 - 140					11/22/14 06:55	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	12		5.2		mg/Kg	⊗	11/21/14 21:51	11/22/14 05:41	1
C23-C40	68		5.2		mg/Kg	⊗	11/21/14 21:51	11/22/14 05:41	1
Surrogate	%Recovery	Qualifier	Limits			⊗	Prepared	Analyzed	Dil Fac
n-Octacosane	52		40 - 140				11/21/14 21:51	11/22/14 05:41	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:44	5
Arsenic	7.6		3.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:44	5
Barium	170		1.6		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:44	5
Beryllium	0.65		0.52		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:44	5
Cadmium	1.5		0.52		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:44	5
Chromium	40		1.0		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:44	5
Cobalt	7.7		1.0		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:44	5
Copper	32		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:44	5
Lead	9.4		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:44	5
Molybdenum	2.9		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:44	5
Nickel	40		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:44	5
Selenium	ND		3.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:44	5
Thallium	ND		10		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:44	5
Vanadium	63		1.0		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:44	5
Zinc	84		5.2		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:44	5
Silver	ND		1.6		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:44	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.029		0.021		mg/Kg	⊗	11/21/14 22:20	11/22/14 02:36	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	3.4		0.10	%			12/17/14 16:13	1
Percent Solids	97		0.10	%			12/17/14 16:13	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS005

Lab Sample ID: 440-94032-21

Date Collected: 11/21/14 15:32

Matrix: Solid

Date Received: 11/21/14 21:00

Percent Solids: 96.5

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.2		ug/Kg	⊗		11/22/14 02:05	1
1,1,1-Trichloroethane	ND		2.1		ug/Kg	⊗		11/22/14 02:05	1
1,1,2,2-Tetrachloroethane	ND		2.1		ug/Kg	⊗		11/22/14 02:05	1
1,1,2-Trichloroethane	ND		2.1		ug/Kg	⊗		11/22/14 02:05	1
1,1-Dichloroethane	ND		2.1		ug/Kg	⊗		11/22/14 02:05	1
1,1-Dichloroethene	ND		5.2		ug/Kg	⊗		11/22/14 02:05	1
1,1-Dichloropropene	ND		2.1		ug/Kg	⊗		11/22/14 02:05	1
1,2,3-Trichlorobenzene	ND		5.2		ug/Kg	⊗		11/22/14 02:05	1
1,2,3-Trichloropropane	ND		10		ug/Kg	⊗		11/22/14 02:05	1
1,2,4-Trichlorobenzene	ND		5.2		ug/Kg	⊗		11/22/14 02:05	1
1,2,4-Trimethylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 02:05	1
1,2-Dibromo-3-Chloropropane	ND		5.2		ug/Kg	⊗		11/22/14 02:05	1
1,2-Dibromoethane (EDB)	ND		2.1		ug/Kg	⊗		11/22/14 02:05	1
1,2-Dichlorobenzene	ND		2.1		ug/Kg	⊗		11/22/14 02:05	1
1,2-Dichloroethane	ND		2.1		ug/Kg	⊗		11/22/14 02:05	1
1,2-Dichloropropene	ND		2.1		ug/Kg	⊗		11/22/14 02:05	1
1,3,5-Trimethylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 02:05	1
1,3-Dichlorobenzene	ND		2.1		ug/Kg	⊗		11/22/14 02:05	1
1,3-Dichloropropane	ND		2.1		ug/Kg	⊗		11/22/14 02:05	1
1,4-Dichlorobenzene	ND		2.1		ug/Kg	⊗		11/22/14 02:05	1
2,2-Dichloropropane	ND		2.1		ug/Kg	⊗		11/22/14 02:05	1
2-Chlorotoluene	ND		5.2		ug/Kg	⊗		11/22/14 02:05	1
4-Chlorotoluene	ND		5.2		ug/Kg	⊗		11/22/14 02:05	1
Benzene	ND		2.1		ug/Kg	⊗		11/22/14 02:05	1
Bromobenzene	ND		5.2		ug/Kg	⊗		11/22/14 02:05	1
Bromochloromethane	ND		5.2		ug/Kg	⊗		11/22/14 02:05	1
Bromodichloromethane	ND		2.1		ug/Kg	⊗		11/22/14 02:05	1
Bromoform	ND		5.2		ug/Kg	⊗		11/22/14 02:05	1
Bromomethane	ND		5.2		ug/Kg	⊗		11/22/14 02:05	1
Carbon tetrachloride	ND		5.2		ug/Kg	⊗		11/22/14 02:05	1
Chlorobenzene	ND		2.1		ug/Kg	⊗		11/22/14 02:05	1
Chloroethane	ND		5.2		ug/Kg	⊗		11/22/14 02:05	1
Chloroform	ND		2.1		ug/Kg	⊗		11/22/14 02:05	1
Chloromethane	ND		5.2		ug/Kg	⊗		11/22/14 02:05	1
cis-1,2-Dichloroethene	ND		2.1		ug/Kg	⊗		11/22/14 02:05	1
cis-1,3-Dichloropropene	ND		2.1		ug/Kg	⊗		11/22/14 02:05	1
Dibromochloromethane	ND		2.1		ug/Kg	⊗		11/22/14 02:05	1
Dibromomethane	ND		2.1		ug/Kg	⊗		11/22/14 02:05	1
Dichlorodifluoromethane	ND		5.2		ug/Kg	⊗		11/22/14 02:05	1
Ethylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 02:05	1
Hexachlorobutadiene	ND		5.2		ug/Kg	⊗		11/22/14 02:05	1
Isopropylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 02:05	1
m,p-Xylene	ND		4.1		ug/Kg	⊗		11/22/14 02:05	1
Methylene Chloride	ND		21		ug/Kg	⊗		11/22/14 02:05	1
Methyl-t-Butyl Ether (MTBE)	ND		5.2		ug/Kg	⊗		11/22/14 02:05	1
Naphthalene	ND		5.2		ug/Kg	⊗		11/22/14 02:05	1
n-Butylbenzene	ND		5.2		ug/Kg	⊗		11/22/14 02:05	1
N-Propylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 02:05	1
o-Xylene	ND		2.1		ug/Kg	⊗		11/22/14 02:05	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS005

Date Collected: 11/21/14 15:32

Date Received: 11/21/14 21:00

Lab Sample ID: 440-94032-21

Matrix: Solid

Percent Solids: 96.5

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		5.2		ug/Kg	⊗		11/22/14 02:05	1
Styrene	ND		2.1		ug/Kg	⊗		11/22/14 02:05	1
Tert-amyl-methyl ether (TAME)	ND		5.2		ug/Kg	⊗		11/22/14 02:05	1
tert-Butylbenzene	ND		5.2		ug/Kg	⊗		11/22/14 02:05	1
Tetrachloroethene	ND		2.1		ug/Kg	⊗		11/22/14 02:05	1
Toluene	ND		2.1		ug/Kg	⊗		11/22/14 02:05	1
trans-1,2-Dichloroethene	ND		2.1		ug/Kg	⊗		11/22/14 02:05	1
trans-1,3-Dichloropropene	ND		2.1		ug/Kg	⊗		11/22/14 02:05	1
Trichloroethene	ND		2.1		ug/Kg	⊗		11/22/14 02:05	1
Trichlorofluoromethane	ND		5.2		ug/Kg	⊗		11/22/14 02:05	1
Vinyl chloride	ND		5.2		ug/Kg	⊗		11/22/14 02:05	1
Xylenes, Total	ND		4.1		ug/Kg	⊗		11/22/14 02:05	1
Isopropyl Ether (DIPE)	ND		5.2		ug/Kg	⊗		11/22/14 02:05	1
Ethyl-t-butyl ether (ETBE)	ND		5.2		ug/Kg	⊗		11/22/14 02:05	1
tert-Butyl alcohol (TBA)	ND		100		ug/Kg	⊗		11/22/14 02:05	1
p-Isopropyltoluene	ND		2.1		ug/Kg	⊗		11/22/14 02:05	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99			79 - 123				11/22/14 02:05	1
4-Bromofluorobenzene (Surr)	94			79 - 120				11/22/14 02:05	1
Dibromofluoromethane (Surr)	109			60 - 120				11/22/14 02:05	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
1,2-Dichlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
1,2-Diphenylhydrazine(as Azobenzene)	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
1,3-Dichlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
1,4-Dichlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
2,4,5-Trichlorophenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
2,4,6-Trichlorophenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
2,4-Dichlorophenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
2,4-Dimethylphenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
2,4-Dinitrophenol	ND		680		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
2,4-Dinitrotoluene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
2,6-Dinitrotoluene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
2-Chloronaphthalene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
2-Chlorophenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
2-Methylnaphthalene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
2-Methylphenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
2-Nitroaniline	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
2-Nitrophenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
3,3'-Dichlorobenzidine	ND		850		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
3-Nitroaniline	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
4,6-Dinitro-2-methylphenol	ND		430		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
4-Bromophenyl phenyl ether	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
4-Chloro-3-methylphenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
4-Chloroaniline	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
4-Chlorophenyl phenyl ether	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS005

Lab Sample ID: 440-94032-21

Date Collected: 11/21/14 15:32

Matrix: Solid

Date Received: 11/21/14 21:00

Percent Solids: 96.5

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Methylphenol + 4-Methylphenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
4-Nitroaniline	ND		850		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
4-Nitrophenol	ND		850		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
Acenaphthene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
Acenaphthylene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
Aniline	ND		430		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
Anthracene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
Benzidine	ND *		1400		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
Benzo[a]anthracene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
Benzo[a]pyrene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
Benzo[b]fluoranthene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
Benzo[g,h,i]perylene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
Benzo[k]fluoranthene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
Benzoic acid	ND		850		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
Benzyl alcohol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
Bis(2-chloroethoxy)methane	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
Bis(2-chloroethyl)ether	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
Bis(2-ethylhexyl) phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
Butyl benzyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
Chrysene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
Dibenz(a,h)anthracene	ND		430		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
Dibenzofuran	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
Diethyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
Dimethyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
Di-n-butyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
Di-n-octyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
Fluoranthene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
Fluorene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
Hexachlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
Hexachlorobutadiene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
Hexachlorocyclopentadiene	ND		850		ug/Kg	⊗	11/21/14 21:53	11/22/14 08:49	1
Hexachloroethane	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
Indeno[1,2,3-cd]pyrene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
Isophorone	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
Naphthalene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
Nitrobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
N-Nitrosodi-n-propylamine	ND		260		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
N-Nitrosodiphenylamine	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
Pentachlorophenol	ND		850		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
Phenanthrene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
Phenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
Pyrene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
bis (2-chloroisopropyl) ether	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
N-Nitrosodimethylamine	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 16:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	82		35 - 120				11/21/14 21:53	11/22/14 16:27	1
2-Fluorophenol (Surr)	68		25 - 120				11/21/14 21:53	11/22/14 16:27	1
2,4,6-Tribromophenol (Surr)	85		35 - 125				11/21/14 21:53	11/22/14 16:27	1
Nitrobenzene-d5 (Surr)	69		30 - 120				11/21/14 21:53	11/22/14 16:27	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS005

Lab Sample ID: 440-94032-21

Date Collected: 11/21/14 15:32

Matrix: Solid

Date Received: 11/21/14 21:00

Percent Solids: 96.5

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14 (Surr)	61		40 - 135	11/21/14 21:53	11/22/14 16:27	1
Phenol-d6 (Surr)	78		35 - 120	11/21/14 21:53	11/22/14 16:27	1

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		400		ug/Kg	⊗		11/22/14 07:23	1
Surrogate	%Recovery	Qualifier	Limits			⊗	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		65 - 140					11/22/14 07:23	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	6.8		5.1		mg/Kg	⊗	11/21/14 21:51	11/22/14 04:01	1
C23-C40	22		5.1		mg/Kg	⊗	11/21/14 21:51	11/22/14 04:01	1
Surrogate	%Recovery	Qualifier	Limits			⊗	Prepared	Analyzed	Dil Fac
n-Octacosane	60		40 - 140				11/21/14 21:51	11/22/14 04:01	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:46	5
Arsenic	7.7		3.1		mg/Kg	⊗	11/21/14 21:58	12/19/14 09:28	5
Barium	180		1.6		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:46	5
Beryllium	0.67		0.52		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:46	5
Cadmium	1.5		0.52		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:46	5
Chromium	40		1.0		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:46	5
Cobalt	7.8		1.0		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:46	5
Copper	33		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:46	5
Lead	10		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:46	5
Molybdenum	2.9		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:46	5
Nickel	40		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:46	5
Selenium	ND		3.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:46	5
Thallium	ND		10		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:46	5
Vanadium	65		1.0		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:46	5
Zinc	86		5.2		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:46	5
Silver	ND		1.6		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:46	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.029		0.020		mg/Kg	⊗	11/21/14 22:20	11/22/14 02:39	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	3.5		0.10	%			12/17/14 16:13	1
Percent Solids	96		0.10	%			12/17/14 16:13	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS004
Date Collected: 11/21/14 16:02
Date Received: 11/21/14 21:00

Lab Sample ID: 440-94032-22
Matrix: Solid
Percent Solids: 96.5

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.2		ug/Kg	⊗		11/22/14 02:35	1
1,1,1-Trichloroethane	ND		2.1		ug/Kg	⊗		11/22/14 02:35	1
1,1,2,2-Tetrachloroethane	ND		2.1		ug/Kg	⊗		11/22/14 02:35	1
1,1,2-Trichloroethane	ND		2.1		ug/Kg	⊗		11/22/14 02:35	1
1,1-Dichloroethane	ND		2.1		ug/Kg	⊗		11/22/14 02:35	1
1,1-Dichloroethene	ND		5.2		ug/Kg	⊗		11/22/14 02:35	1
1,1-Dichloropropene	ND		2.1		ug/Kg	⊗		11/22/14 02:35	1
1,2,3-Trichlorobenzene	ND		5.2		ug/Kg	⊗		11/22/14 02:35	1
1,2,3-Trichloropropane	ND		10		ug/Kg	⊗		11/22/14 02:35	1
1,2,4-Trichlorobenzene	ND		5.2		ug/Kg	⊗		11/22/14 02:35	1
1,2,4-Trimethylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 02:35	1
1,2-Dibromo-3-Chloropropane	ND		5.2		ug/Kg	⊗		11/22/14 02:35	1
1,2-Dibromoethane (EDB)	ND		2.1		ug/Kg	⊗		11/22/14 02:35	1
1,2-Dichlorobenzene	ND		2.1		ug/Kg	⊗		11/22/14 02:35	1
1,2-Dichloroethane	ND		2.1		ug/Kg	⊗		11/22/14 02:35	1
1,2-Dichloropropene	ND		2.1		ug/Kg	⊗		11/22/14 02:35	1
1,3,5-Trimethylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 02:35	1
1,3-Dichlorobenzene	ND		2.1		ug/Kg	⊗		11/22/14 02:35	1
1,3-Dichloropropane	ND		2.1		ug/Kg	⊗		11/22/14 02:35	1
1,4-Dichlorobenzene	ND		2.1		ug/Kg	⊗		11/22/14 02:35	1
2,2-Dichloropropane	ND		2.1		ug/Kg	⊗		11/22/14 02:35	1
2-Chlorotoluene	ND		5.2		ug/Kg	⊗		11/22/14 02:35	1
4-Chlorotoluene	ND		5.2		ug/Kg	⊗		11/22/14 02:35	1
Benzene	ND		2.1		ug/Kg	⊗		11/22/14 02:35	1
Bromobenzene	ND		5.2		ug/Kg	⊗		11/22/14 02:35	1
Bromochloromethane	ND		5.2		ug/Kg	⊗		11/22/14 02:35	1
Bromodichloromethane	ND		2.1		ug/Kg	⊗		11/22/14 02:35	1
Bromoform	ND		5.2		ug/Kg	⊗		11/22/14 02:35	1
Bromomethane	ND		5.2		ug/Kg	⊗		11/22/14 02:35	1
Carbon tetrachloride	ND		5.2		ug/Kg	⊗		11/22/14 02:35	1
Chlorobenzene	ND		2.1		ug/Kg	⊗		11/22/14 02:35	1
Chloroethane	ND		5.2		ug/Kg	⊗		11/22/14 02:35	1
Chloroform	ND		2.1		ug/Kg	⊗		11/22/14 02:35	1
Chloromethane	ND		5.2		ug/Kg	⊗		11/22/14 02:35	1
cis-1,2-Dichloroethene	ND		2.1		ug/Kg	⊗		11/22/14 02:35	1
cis-1,3-Dichloropropene	ND		2.1		ug/Kg	⊗		11/22/14 02:35	1
Dibromochloromethane	ND		2.1		ug/Kg	⊗		11/22/14 02:35	1
Dibromomethane	ND		2.1		ug/Kg	⊗		11/22/14 02:35	1
Dichlorodifluoromethane	ND		5.2		ug/Kg	⊗		11/22/14 02:35	1
Ethylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 02:35	1
Hexachlorobutadiene	ND		5.2		ug/Kg	⊗		11/22/14 02:35	1
Isopropylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 02:35	1
m,p-Xylene	ND		4.2		ug/Kg	⊗		11/22/14 02:35	1
Methylene Chloride	ND		21		ug/Kg	⊗		11/22/14 02:35	1
Methyl-t-Butyl Ether (MTBE)	ND		5.2		ug/Kg	⊗		11/22/14 02:35	1
Naphthalene	ND		5.2		ug/Kg	⊗		11/22/14 02:35	1
n-Butylbenzene	ND		5.2		ug/Kg	⊗		11/22/14 02:35	1
N-Propylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 02:35	1
o-Xylene	ND		2.1		ug/Kg	⊗		11/22/14 02:35	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS004

Lab Sample ID: 440-94032-22

Date Collected: 11/21/14 16:02

Matrix: Solid

Date Received: 11/21/14 21:00

Percent Solids: 96.5

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		5.2		ug/Kg	⊗		11/22/14 02:35	1
Styrene	ND		2.1		ug/Kg	⊗		11/22/14 02:35	1
Tert-amyl-methyl ether (TAME)	ND		5.2		ug/Kg	⊗		11/22/14 02:35	1
tert-Butylbenzene	ND		5.2		ug/Kg	⊗		11/22/14 02:35	1
Tetrachloroethene	ND		2.1		ug/Kg	⊗		11/22/14 02:35	1
Toluene	ND		2.1		ug/Kg	⊗		11/22/14 02:35	1
trans-1,2-Dichloroethene	ND		2.1		ug/Kg	⊗		11/22/14 02:35	1
trans-1,3-Dichloropropene	ND		2.1		ug/Kg	⊗		11/22/14 02:35	1
Trichloroethene	ND		2.1		ug/Kg	⊗		11/22/14 02:35	1
Trichlorofluoromethane	ND		5.2		ug/Kg	⊗		11/22/14 02:35	1
Vinyl chloride	ND		5.2		ug/Kg	⊗		11/22/14 02:35	1
Xylenes, Total	ND		4.2		ug/Kg	⊗		11/22/14 02:35	1
Isopropyl Ether (DIPE)	ND		5.2		ug/Kg	⊗		11/22/14 02:35	1
Ethyl-t-butyl ether (ETBE)	ND		5.2		ug/Kg	⊗		11/22/14 02:35	1
tert-Butyl alcohol (TBA)	ND		100		ug/Kg	⊗		11/22/14 02:35	1
p-Isopropyltoluene	ND		2.1		ug/Kg	⊗		11/22/14 02:35	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100			79 - 123				11/22/14 02:35	1
4-Bromofluorobenzene (Surr)	100			79 - 120				11/22/14 02:35	1
Dibromofluoromethane (Surr)	109			60 - 120				11/22/14 02:35	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
1,2-Dichlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
1,2-Diphenylhydrazine(as Azobenzene)	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
1,3-Dichlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
1,4-Dichlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
2,4,5-Trichlorophenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
2,4,6-Trichlorophenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
2,4-Dichlorophenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
2,4-Dimethylphenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
2,4-Dinitrophenol	ND		680		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
2,4-Dinitrotoluene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
2,6-Dinitrotoluene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
2-Chloronaphthalene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
2-Chlorophenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
2-Methylnaphthalene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
2-Methylphenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
2-Nitroaniline	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
2-Nitrophenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
3,3'-Dichlorobenzidine	ND		850		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
3-Nitroaniline	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
4,6-Dinitro-2-methylphenol	ND		430		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
4-Bromophenyl phenyl ether	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
4-Chloro-3-methylphenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
4-Chloroaniline	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
4-Chlorophenyl phenyl ether	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS004

Lab Sample ID: 440-94032-22

Date Collected: 11/21/14 16:02

Matrix: Solid

Date Received: 11/21/14 21:00

Percent Solids: 96.5

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Methylphenol + 4-Methylphenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
4-Nitroaniline	ND		850		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
4-Nitrophenol	ND		850		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
Acenaphthene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
Acenaphthylene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
Aniline	ND		430		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
Anthracene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
Benzidine	ND *		1400		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
Benzo[a]anthracene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
Benzo[a]pyrene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
Benzo[b]fluoranthene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
Benzo[g,h,i]perylene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
Benzo[k]fluoranthene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
Benzoic acid	ND		850		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
Benzyl alcohol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
Bis(2-chloroethoxy)methane	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
Bis(2-chloroethyl)ether	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
Bis(2-ethylhexyl) phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
Butyl benzyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
Chrysene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
Dibenz(a,h)anthracene	ND		430		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
Dibenzo furan	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
Diethyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
Dimethyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
Di-n-butyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
Di-n-octyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
Fluoranthene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
Fluorene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
Hexachlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
Hexachlorobutadiene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
Hexachlorocyclopentadiene	ND		850		ug/Kg	⊗	11/21/14 21:53	11/22/14 09:10	1
Hexachloroethane	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
Indeno[1,2,3-cd]pyrene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
Isophorone	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
Naphthalene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
Nitrobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
N-Nitrosodi-n-propylamine	ND		260		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
N-Nitrosodiphenylamine	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
Pentachlorophenol	ND		850		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
Phenanthrene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
Phenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
Pyrene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
bis (2-chloroisopropyl) ether	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
N-Nitrosodimethylamine	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 19:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	93		35 - 120				11/21/14 21:53	11/22/14 19:15	1
2-Fluorophenol (Surr)	79		25 - 120				11/21/14 21:53	11/22/14 19:15	1
2,4,6-Tribromophenol (Surr)	98		35 - 125				11/21/14 21:53	11/22/14 19:15	1
Nitrobenzene-d5 (Surr)	77		30 - 120				11/21/14 21:53	11/22/14 19:15	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS004

Lab Sample ID: 440-94032-22

Date Collected: 11/21/14 16:02

Matrix: Solid

Date Received: 11/21/14 21:00

Percent Solids: 96.5

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14 (Surr)	89		40 - 135	11/21/14 21:53	11/22/14 19:15	1
Phenol-d6 (Surr)	81		35 - 120	11/21/14 21:53	11/22/14 19:15	1

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		410		ug/Kg	⊗		11/22/14 07:51	1
Surrogate	%Recovery	Qualifier	Limits			⊗	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		65 - 140					11/22/14 07:51	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	10		5.0		mg/Kg	⊗	11/21/14 21:51	11/22/14 04:41	1
C23-C40	70		5.0		mg/Kg	⊗	11/21/14 21:51	11/22/14 04:41	1
Surrogate	%Recovery	Qualifier	Limits			⊗	Prepared	Analyzed	Dil Fac
n-Octacosane	48		40 - 140				11/21/14 21:51	11/22/14 04:41	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:53	5
Arsenic	5.5		3.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:53	5
Barium	400		1.6		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:53	5
Beryllium	ND		0.52		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:53	5
Cadmium	0.73		0.52		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:53	5
Chromium	23		1.0		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:53	5
Cobalt	5.2		1.0		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:53	5
Copper	22		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:53	5
Lead	12		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:53	5
Molybdenum	ND		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:53	5
Nickel	21		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:53	5
Selenium	ND		3.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:53	5
Thallium	ND		10		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:53	5
Vanadium	39		1.0		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:53	5
Zinc	61		5.2		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:53	5
Silver	ND		1.6		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:53	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.027		0.020		mg/Kg	⊗	11/21/14 22:20	11/22/14 02:49	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	3.5		0.10	%			12/17/14 16:13	1
Percent Solids	97		0.10	%			12/17/14 16:13	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121DD001
Date Collected: 11/21/14 16:04
Date Received: 11/21/14 21:00

Lab Sample ID: 440-94032-23
Matrix: Solid
Percent Solids: 96.8

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.2		ug/Kg	⊗		11/22/14 03:05	1
1,1,1-Trichloroethane	ND		2.1		ug/Kg	⊗		11/22/14 03:05	1
1,1,2,2-Tetrachloroethane	ND		2.1		ug/Kg	⊗		11/22/14 03:05	1
1,1,2-Trichloroethane	ND		2.1		ug/Kg	⊗		11/22/14 03:05	1
1,1-Dichloroethane	ND		2.1		ug/Kg	⊗		11/22/14 03:05	1
1,1-Dichloroethene	ND		5.2		ug/Kg	⊗		11/22/14 03:05	1
1,1-Dichloropropene	ND		2.1		ug/Kg	⊗		11/22/14 03:05	1
1,2,3-Trichlorobenzene	ND		5.2		ug/Kg	⊗		11/22/14 03:05	1
1,2,3-Trichloropropane	ND		10		ug/Kg	⊗		11/22/14 03:05	1
1,2,4-Trichlorobenzene	ND		5.2		ug/Kg	⊗		11/22/14 03:05	1
1,2,4-Trimethylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 03:05	1
1,2-Dibromo-3-Chloropropane	ND		5.2		ug/Kg	⊗		11/22/14 03:05	1
1,2-Dibromoethane (EDB)	ND		2.1		ug/Kg	⊗		11/22/14 03:05	1
1,2-Dichlorobenzene	ND		2.1		ug/Kg	⊗		11/22/14 03:05	1
1,2-Dichloroethane	ND		2.1		ug/Kg	⊗		11/22/14 03:05	1
1,2-Dichloropropene	ND		2.1		ug/Kg	⊗		11/22/14 03:05	1
1,3,5-Trimethylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 03:05	1
1,3-Dichlorobenzene	ND		2.1		ug/Kg	⊗		11/22/14 03:05	1
1,3-Dichloropropane	ND		2.1		ug/Kg	⊗		11/22/14 03:05	1
1,4-Dichlorobenzene	ND		2.1		ug/Kg	⊗		11/22/14 03:05	1
2,2-Dichloropropane	ND		2.1		ug/Kg	⊗		11/22/14 03:05	1
2-Chlorotoluene	ND		5.2		ug/Kg	⊗		11/22/14 03:05	1
4-Chlorotoluene	ND		5.2		ug/Kg	⊗		11/22/14 03:05	1
Benzene	ND		2.1		ug/Kg	⊗		11/22/14 03:05	1
Bromobenzene	ND		5.2		ug/Kg	⊗		11/22/14 03:05	1
Bromochloromethane	ND		5.2		ug/Kg	⊗		11/22/14 03:05	1
Bromodichloromethane	ND		2.1		ug/Kg	⊗		11/22/14 03:05	1
Bromoform	ND		5.2		ug/Kg	⊗		11/22/14 03:05	1
Bromomethane	ND		5.2		ug/Kg	⊗		11/22/14 03:05	1
Carbon tetrachloride	ND		5.2		ug/Kg	⊗		11/22/14 03:05	1
Chlorobenzene	ND		2.1		ug/Kg	⊗		11/22/14 03:05	1
Chloroethane	ND		5.2		ug/Kg	⊗		11/22/14 03:05	1
Chloroform	ND		2.1		ug/Kg	⊗		11/22/14 03:05	1
Chloromethane	ND		5.2		ug/Kg	⊗		11/22/14 03:05	1
cis-1,2-Dichloroethene	ND		2.1		ug/Kg	⊗		11/22/14 03:05	1
cis-1,3-Dichloropropene	ND		2.1		ug/Kg	⊗		11/22/14 03:05	1
Dibromochloromethane	ND		2.1		ug/Kg	⊗		11/22/14 03:05	1
Dibromomethane	ND		2.1		ug/Kg	⊗		11/22/14 03:05	1
Dichlorodifluoromethane	ND		5.2		ug/Kg	⊗		11/22/14 03:05	1
Ethylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 03:05	1
Hexachlorobutadiene	ND		5.2		ug/Kg	⊗		11/22/14 03:05	1
Isopropylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 03:05	1
m,p-Xylene	ND		4.2		ug/Kg	⊗		11/22/14 03:05	1
Methylene Chloride	ND		21		ug/Kg	⊗		11/22/14 03:05	1
Methyl-t-Butyl Ether (MTBE)	ND		5.2		ug/Kg	⊗		11/22/14 03:05	1
Naphthalene	ND		5.2		ug/Kg	⊗		11/22/14 03:05	1
n-Butylbenzene	ND		5.2		ug/Kg	⊗		11/22/14 03:05	1
N-Propylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 03:05	1
o-Xylene	ND		2.1		ug/Kg	⊗		11/22/14 03:05	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121DD001

Date Collected: 11/21/14 16:04

Date Received: 11/21/14 21:00

Lab Sample ID: 440-94032-23

Matrix: Solid

Percent Solids: 96.8

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		5.2		ug/Kg	⊗		11/22/14 03:05	1
Styrene	ND		2.1		ug/Kg	⊗		11/22/14 03:05	1
Tert-amyl-methyl ether (TAME)	ND		5.2		ug/Kg	⊗		11/22/14 03:05	1
tert-Butylbenzene	ND		5.2		ug/Kg	⊗		11/22/14 03:05	1
Tetrachloroethene	ND		2.1		ug/Kg	⊗		11/22/14 03:05	1
Toluene	ND		2.1		ug/Kg	⊗		11/22/14 03:05	1
trans-1,2-Dichloroethene	ND		2.1		ug/Kg	⊗		11/22/14 03:05	1
trans-1,3-Dichloropropene	ND		2.1		ug/Kg	⊗		11/22/14 03:05	1
Trichloroethene	ND		2.1		ug/Kg	⊗		11/22/14 03:05	1
Trichlorofluoromethane	ND		5.2		ug/Kg	⊗		11/22/14 03:05	1
Vinyl chloride	ND		5.2		ug/Kg	⊗		11/22/14 03:05	1
Xylenes, Total	ND		4.2		ug/Kg	⊗		11/22/14 03:05	1
Isopropyl Ether (DIPE)	ND		5.2		ug/Kg	⊗		11/22/14 03:05	1
Ethyl-t-butyl ether (ETBE)	ND		5.2		ug/Kg	⊗		11/22/14 03:05	1
tert-Butyl alcohol (TBA)	ND		100		ug/Kg	⊗		11/22/14 03:05	1
p-Isopropyltoluene	ND		2.1		ug/Kg	⊗		11/22/14 03:05	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	102			79 - 123				11/22/14 03:05	1
4-Bromofluorobenzene (Surr)	106			79 - 120				11/22/14 03:05	1
Dibromofluoromethane (Surr)	109			60 - 120				11/22/14 03:05	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
1,2-Dichlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
1,2-Diphenylhydrazine(as Azobenzene)	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
1,3-Dichlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
1,4-Dichlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
2,4,5-Trichlorophenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
2,4,6-Trichlorophenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
2,4-Dichlorophenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
2,4-Dimethylphenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
2,4-Dinitrophenol	ND		680		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
2,4-Dinitrotoluene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
2,6-Dinitrotoluene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
2-Chloronaphthalene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
2-Chlorophenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
2-Methylnaphthalene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
2-Methylphenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
2-Nitroaniline	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
2-Nitrophenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
3,3'-Dichlorobenzidine	ND		850		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
3-Nitroaniline	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
4,6-Dinitro-2-methylphenol	ND		430		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
4-Bromophenyl phenyl ether	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
4-Chloro-3-methylphenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
4-Chloroaniline	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
4-Chlorophenyl phenyl ether	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121DD001

Lab Sample ID: 440-94032-23

Date Collected: 11/21/14 16:04

Matrix: Solid

Date Received: 11/21/14 21:00

Percent Solids: 96.8

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Methylphenol + 4-Methylphenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
4-Nitroaniline	ND		850		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
4-Nitrophenol	ND		850		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
Acenaphthene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
Acenaphthylene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
Aniline	ND		430		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
Anthracene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
Benzidine	ND *		1400		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
Benzo[a]anthracene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
Benzo[a]pyrene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
Benzo[b]fluoranthene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
Benzo[g,h,i]perylene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
Benzo[k]fluoranthene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
Benzoic acid	ND		850		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
Benzyl alcohol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
Bis(2-chloroethoxy)methane	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
Bis(2-chloroethyl)ether	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
Bis(2-ethylhexyl) phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
Butyl benzyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
Chrysene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
Dibenz(a,h)anthracene	ND		430		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
Dibenzo furan	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
Diethyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
Dimethyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
Di-n-butyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
Di-n-octyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
Fluoranthene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
Fluorene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
Hexachlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
Hexachlorobutadiene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
Hexachlorocyclopentadiene	ND		850		ug/Kg	⊗	11/21/14 21:53	11/22/14 09:31	1
Hexachloroethane	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
Indeno[1,2,3-cd]pyrene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
Isophorone	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
Naphthalene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
Nitrobenzene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
N-Nitrosodi-n-propylamine	ND		260		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
N-Nitrosodiphenylamine	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
Pentachlorophenol	ND		850		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
Phenanthrene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
Phenol	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
Pyrene	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
bis (2-chloroisopropyl) ether	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1
N-Nitrosodimethylamine	ND		340		ug/Kg	⊗	11/21/14 21:53	11/22/14 18:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	81		35 - 120	11/21/14 21:53	11/22/14 18:54	1
2-Fluorophenol (Surr)	71		25 - 120	11/21/14 21:53	11/22/14 18:54	1
2,4,6-Tribromophenol (Surr)	86		35 - 125	11/21/14 21:53	11/22/14 18:54	1
Nitrobenzene-d5 (Surr)	68		30 - 120	11/21/14 21:53	11/22/14 18:54	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121DD001

Lab Sample ID: 440-94032-23

Date Collected: 11/21/14 16:04
 Date Received: 11/21/14 21:00

Matrix: Solid

Percent Solids: 96.8

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14 (Surr)	72		40 - 135	11/21/14 21:53	11/22/14 18:54	1
Phenol-d6 (Surr)	70		35 - 120	11/21/14 21:53	11/22/14 18:54	1

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		400		ug/Kg	⊗		11/22/14 08:19	1
Surrogate	%Recovery	Qualifier	Limits			⊗	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		65 - 140					11/22/14 08:19	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	13		5.1		mg/Kg	⊗	11/21/14 21:51	11/22/14 05:01	1
C23-C40	75		5.1		mg/Kg	⊗	11/21/14 21:51	11/22/14 05:01	1
Surrogate	%Recovery	Qualifier	Limits			⊗	Prepared	Analyzed	Dil Fac
n-Octacosane	53		40 - 140				11/21/14 21:51	11/22/14 05:01	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:55	5
Arsenic	7.7		3.1		mg/Kg	⊗	11/21/14 21:58	12/19/14 09:30	5
Barium	180		1.5		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:55	5
Beryllium	0.58		0.51		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:55	5
Cadmium	1.1		0.51		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:55	5
Chromium	32		1.0		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:55	5
Cobalt	6.6		1.0		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:55	5
Copper	28		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:55	5
Lead	9.4		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:55	5
Molybdenum	2.4		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:55	5
Nickel	31		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:55	5
Selenium	ND		3.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:55	5
Thallium	ND		10		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:55	5
Vanadium	52		1.0		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:55	5
Zinc	78		5.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:55	5
Silver	ND		1.5		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:55	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.023		0.021		mg/Kg	⊗	11/21/14 22:20	11/22/14 02:52	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	3.2		0.10		%			12/17/14 16:13	1
Percent Solids	97		0.10		%			12/17/14 16:13	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS003

Lab Sample ID: 440-94032-24

Date Collected: 11/21/14 16:42
 Date Received: 11/21/14 21:00

Matrix: Solid

Percent Solids: 97.0

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.2		ug/Kg	⊗		11/22/14 03:35	1
1,1,1-Trichloroethane	ND		2.1		ug/Kg	⊗		11/22/14 03:35	1
1,1,2,2-Tetrachloroethane	ND		2.1		ug/Kg	⊗		11/22/14 03:35	1
1,1,2-Trichloroethane	ND		2.1		ug/Kg	⊗		11/22/14 03:35	1
1,1-Dichloroethane	ND		2.1		ug/Kg	⊗		11/22/14 03:35	1
1,1-Dichloroethene	ND		5.2		ug/Kg	⊗		11/22/14 03:35	1
1,1-Dichloropropene	ND		2.1		ug/Kg	⊗		11/22/14 03:35	1
1,2,3-Trichlorobenzene	ND		5.2		ug/Kg	⊗		11/22/14 03:35	1
1,2,3-Trichloropropane	ND		10		ug/Kg	⊗		11/22/14 03:35	1
1,2,4-Trichlorobenzene	ND		5.2		ug/Kg	⊗		11/22/14 03:35	1
1,2,4-Trimethylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 03:35	1
1,2-Dibromo-3-Chloropropane	ND		5.2		ug/Kg	⊗		11/22/14 03:35	1
1,2-Dibromoethane (EDB)	ND		2.1		ug/Kg	⊗		11/22/14 03:35	1
1,2-Dichlorobenzene	ND		2.1		ug/Kg	⊗		11/22/14 03:35	1
1,2-Dichloroethane	ND		2.1		ug/Kg	⊗		11/22/14 03:35	1
1,2-Dichloropropene	ND		2.1		ug/Kg	⊗		11/22/14 03:35	1
1,3,5-Trimethylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 03:35	1
1,3-Dichlorobenzene	ND		2.1		ug/Kg	⊗		11/22/14 03:35	1
1,3-Dichloropropane	ND		2.1		ug/Kg	⊗		11/22/14 03:35	1
1,4-Dichlorobenzene	ND		2.1		ug/Kg	⊗		11/22/14 03:35	1
2,2-Dichloropropane	ND		2.1		ug/Kg	⊗		11/22/14 03:35	1
2-Chlorotoluene	ND		5.2		ug/Kg	⊗		11/22/14 03:35	1
4-Chlorotoluene	ND		5.2		ug/Kg	⊗		11/22/14 03:35	1
Benzene	ND		2.1		ug/Kg	⊗		11/22/14 03:35	1
Bromobenzene	ND		5.2		ug/Kg	⊗		11/22/14 03:35	1
Bromochloromethane	ND		5.2		ug/Kg	⊗		11/22/14 03:35	1
Bromodichloromethane	ND		2.1		ug/Kg	⊗		11/22/14 03:35	1
Bromoform	ND		5.2		ug/Kg	⊗		11/22/14 03:35	1
Bromomethane	ND		5.2		ug/Kg	⊗		11/22/14 03:35	1
Carbon tetrachloride	ND		5.2		ug/Kg	⊗		11/22/14 03:35	1
Chlorobenzene	ND		2.1		ug/Kg	⊗		11/22/14 03:35	1
Chloroethane	ND		5.2		ug/Kg	⊗		11/22/14 03:35	1
Chloroform	ND		2.1		ug/Kg	⊗		11/22/14 03:35	1
Chloromethane	ND		5.2		ug/Kg	⊗		11/22/14 03:35	1
cis-1,2-Dichloroethene	ND		2.1		ug/Kg	⊗		11/22/14 03:35	1
cis-1,3-Dichloropropene	ND		2.1		ug/Kg	⊗		11/22/14 03:35	1
Dibromochloromethane	ND		2.1		ug/Kg	⊗		11/22/14 03:35	1
Dibromomethane	ND		2.1		ug/Kg	⊗		11/22/14 03:35	1
Dichlorodifluoromethane	ND		5.2		ug/Kg	⊗		11/22/14 03:35	1
Ethylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 03:35	1
Hexachlorobutadiene	ND		5.2		ug/Kg	⊗		11/22/14 03:35	1
Isopropylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 03:35	1
m,p-Xylene	ND		4.1		ug/Kg	⊗		11/22/14 03:35	1
Methylene Chloride	ND		21		ug/Kg	⊗		11/22/14 03:35	1
Methyl-t-Butyl Ether (MTBE)	ND		5.2		ug/Kg	⊗		11/22/14 03:35	1
Naphthalene	ND		5.2		ug/Kg	⊗		11/22/14 03:35	1
n-Butylbenzene	ND		5.2		ug/Kg	⊗		11/22/14 03:35	1
N-Propylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 03:35	1
o-Xylene	ND		2.1		ug/Kg	⊗		11/22/14 03:35	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS003

Date Collected: 11/21/14 16:42

Date Received: 11/21/14 21:00

Lab Sample ID: 440-94032-24

Matrix: Solid

Percent Solids: 97.0

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		5.2		ug/Kg	⊗		11/22/14 03:35	1
Styrene	ND		2.1		ug/Kg	⊗		11/22/14 03:35	1
Tert-amyl-methyl ether (TAME)	ND		5.2		ug/Kg	⊗		11/22/14 03:35	1
tert-Butylbenzene	ND		5.2		ug/Kg	⊗		11/22/14 03:35	1
Tetrachloroethene	ND		2.1		ug/Kg	⊗		11/22/14 03:35	1
Toluene	ND		2.1		ug/Kg	⊗		11/22/14 03:35	1
trans-1,2-Dichloroethene	ND		2.1		ug/Kg	⊗		11/22/14 03:35	1
trans-1,3-Dichloropropene	ND		2.1		ug/Kg	⊗		11/22/14 03:35	1
Trichloroethene	ND		2.1		ug/Kg	⊗		11/22/14 03:35	1
Trichlorofluoromethane	ND		5.2		ug/Kg	⊗		11/22/14 03:35	1
Vinyl chloride	ND		5.2		ug/Kg	⊗		11/22/14 03:35	1
Xylenes, Total	ND		4.1		ug/Kg	⊗		11/22/14 03:35	1
Isopropyl Ether (DIPE)	ND		5.2		ug/Kg	⊗		11/22/14 03:35	1
Ethyl-t-butyl ether (ETBE)	ND		5.2		ug/Kg	⊗		11/22/14 03:35	1
tert-Butyl alcohol (TBA)	ND		100		ug/Kg	⊗		11/22/14 03:35	1
p-Isopropyltoluene	ND		2.1		ug/Kg	⊗		11/22/14 03:35	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	102			79 - 123				11/22/14 03:35	1
4-Bromofluorobenzene (Surr)	96			79 - 120				11/22/14 03:35	1
Dibromofluoromethane (Surr)	109			60 - 120				11/22/14 03:35	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
1,2-Dichlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
1,2-Diphenylhydrazine(as Azobenzene)	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
1,3-Dichlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
1,4-Dichlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
2,4,5-Trichlorophenol	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
2,4,6-Trichlorophenol	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
2,4-Dichlorophenol	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
2,4-Dimethylphenol	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
2,4-Dinitrophenol	ND		680		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
2,4-Dinitrotoluene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
2,6-Dinitrotoluene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
2-Chloronaphthalene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
2-Chlorophenol	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
2-Methylnaphthalene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
2-Methylphenol	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
2-Nitroaniline	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
2-Nitrophenol	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
3,3'-Dichlorobenzidine	ND		850		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
3-Nitroaniline	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
4,6-Dinitro-2-methylphenol	ND	*	430		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
4-Bromophenyl phenyl ether	ND	*	340		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
4-Chloro-3-methylphenol	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
4-Chloroaniline	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
4-Chlorophenyl phenyl ether	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS003

Lab Sample ID: 440-94032-24

Date Collected: 11/21/14 16:42

Matrix: Solid

Date Received: 11/21/14 21:00

Percent Solids: 97.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Methylphenol + 4-Methylphenol	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
4-Nitroaniline	ND		850		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
4-Nitrophenol	ND		850		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
Acenaphthene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
Acenaphthylene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
Aniline	ND		430		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
Anthracene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
Benzidine	ND		1400		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
Benzo[a]anthracene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
Benzo[a]pyrene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
Benzo[b]fluoranthene	ND *		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
Benzo[g,h,i]perylene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
Benzo[k]fluoranthene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
Benzoic acid	ND		850		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
Benzyl alcohol	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
Bis(2-chloroethoxy)methane	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
Bis(2-chloroethyl)ether	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
Bis(2-ethylhexyl) phthalate	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
Butyl benzyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
Chrysene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
Dibenz(a,h)anthracene	ND		430		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
Dibenzofuran	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
Diethyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
Dimethyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
Di-n-butyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
Di-n-octyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
Fluoranthene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
Fluorene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
Hexachlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
Hexachlorobutadiene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
Hexachlorocyclopentadiene	ND		850		ug/Kg	⊗	11/21/14 21:49	11/22/14 09:52	1
Hexachloroethane	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
Indeno[1,2,3-cd]pyrene	ND *		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
Isophorone	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
Naphthalene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
Nitrobenzene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
N-Nitrosodi-n-propylamine	ND		260		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
N-Nitrosodiphenylamine	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
Pentachlorophenol	ND		850		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
Phenanthrene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
Phenol	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
Pyrene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
bis (2-chloroisopropyl) ether	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
N-Nitrosodimethylamine	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 16:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	75		35 - 120				11/21/14 21:49	11/22/14 16:48	1
2-Fluorophenol (Surr)	68		25 - 120				11/21/14 21:49	11/22/14 16:48	1
2,4,6-Tribromophenol (Surr)	78		35 - 125				11/21/14 21:49	11/22/14 16:48	1
Nitrobenzene-d5 (Surr)	63		30 - 120				11/21/14 21:49	11/22/14 16:48	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS003

Lab Sample ID: 440-94032-24

Date Collected: 11/21/14 16:42
 Date Received: 11/21/14 21:00

Matrix: Solid

Percent Solids: 97.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14 (Surr)	59		40 - 135	11/21/14 21:49	11/22/14 16:48	1
Phenol-d6 (Surr)	68		35 - 120	11/21/14 21:49	11/22/14 16:48	1

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		400		ug/Kg	⊗		11/22/14 09:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		65 - 140					11/22/14 09:42	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	8.7		5.1		mg/Kg	⊗	11/21/14 21:49	11/22/14 05:01	1
C23-C40	24		5.1		mg/Kg	⊗	11/21/14 21:49	11/22/14 05:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
n-Octacosane	54		40 - 140				11/21/14 21:49	11/22/14 05:01	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:57	5
Arsenic	7.5		3.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:57	5
Barium	190		1.5		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:57	5
Beryllium	0.60		0.51		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:57	5
Cadmium	1.3		0.51		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:57	5
Chromium	34		1.0		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:57	5
Cobalt	7.0		1.0		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:57	5
Copper	31		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:57	5
Lead	9.1		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:57	5
Molybdenum	2.8		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:57	5
Nickel	34		2.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:57	5
Selenium	ND		3.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:57	5
Thallium	ND		10		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:57	5
Vanadium	56		1.0		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:57	5
Zinc	96		5.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:57	5
Silver	ND		1.5		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:57	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.021		mg/Kg	⊗	11/21/14 22:20	11/22/14 02:54	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	3.0		0.10		%			12/17/14 16:13	1
Percent Solids	97		0.10		%			12/17/14 16:13	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS002

Lab Sample ID: 440-94032-25

Date Collected: 11/21/14 17:08

Matrix: Solid

Date Received: 11/21/14 21:00

Percent Solids: 98.0

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.1		ug/Kg	⊗		11/22/14 04:05	1
1,1,1-Trichloroethane	ND		2.0		ug/Kg	⊗		11/22/14 04:05	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg	⊗		11/22/14 04:05	1
1,1,2-Trichloroethane	ND		2.0		ug/Kg	⊗		11/22/14 04:05	1
1,1-Dichloroethane	ND		2.0		ug/Kg	⊗		11/22/14 04:05	1
1,1-Dichloroethene	ND		5.1		ug/Kg	⊗		11/22/14 04:05	1
1,1-Dichloropropene	ND		2.0		ug/Kg	⊗		11/22/14 04:05	1
1,2,3-Trichlorobenzene	ND		5.1		ug/Kg	⊗		11/22/14 04:05	1
1,2,3-Trichloropropane	ND		10		ug/Kg	⊗		11/22/14 04:05	1
1,2,4-Trichlorobenzene	ND		5.1		ug/Kg	⊗		11/22/14 04:05	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg	⊗		11/22/14 04:05	1
1,2-Dibromo-3-Chloropropane	ND		5.1		ug/Kg	⊗		11/22/14 04:05	1
1,2-Dibromoethane (EDB)	ND		2.0		ug/Kg	⊗		11/22/14 04:05	1
1,2-Dichlorobenzene	ND		2.0		ug/Kg	⊗		11/22/14 04:05	1
1,2-Dichloroethane	ND		2.0		ug/Kg	⊗		11/22/14 04:05	1
1,2-Dichloropropene	ND		2.0		ug/Kg	⊗		11/22/14 04:05	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg	⊗		11/22/14 04:05	1
1,3-Dichlorobenzene	ND		2.0		ug/Kg	⊗		11/22/14 04:05	1
1,3-Dichloropropane	ND		2.0		ug/Kg	⊗		11/22/14 04:05	1
1,4-Dichlorobenzene	ND		2.0		ug/Kg	⊗		11/22/14 04:05	1
2,2-Dichloropropane	ND		2.0		ug/Kg	⊗		11/22/14 04:05	1
2-Chlorotoluene	ND		5.1		ug/Kg	⊗		11/22/14 04:05	1
4-Chlorotoluene	ND		5.1		ug/Kg	⊗		11/22/14 04:05	1
Benzene	ND		2.0		ug/Kg	⊗		11/22/14 04:05	1
Bromobenzene	ND		5.1		ug/Kg	⊗		11/22/14 04:05	1
Bromochloromethane	ND		5.1		ug/Kg	⊗		11/22/14 04:05	1
Bromodichloromethane	ND		2.0		ug/Kg	⊗		11/22/14 04:05	1
Bromoform	ND		5.1		ug/Kg	⊗		11/22/14 04:05	1
Bromomethane	ND		5.1		ug/Kg	⊗		11/22/14 04:05	1
Carbon tetrachloride	ND		5.1		ug/Kg	⊗		11/22/14 04:05	1
Chlorobenzene	ND		2.0		ug/Kg	⊗		11/22/14 04:05	1
Chloroethane	ND		5.1		ug/Kg	⊗		11/22/14 04:05	1
Chloroform	8.0		2.0		ug/Kg	⊗		11/22/14 04:05	1
Chloromethane	ND		5.1		ug/Kg	⊗		11/22/14 04:05	1
cis-1,2-Dichloroethene	ND		2.0		ug/Kg	⊗		11/22/14 04:05	1
cis-1,3-Dichloropropene	ND		2.0		ug/Kg	⊗		11/22/14 04:05	1
Dibromochloromethane	ND		2.0		ug/Kg	⊗		11/22/14 04:05	1
Dibromomethane	ND		2.0		ug/Kg	⊗		11/22/14 04:05	1
Dichlorodifluoromethane	ND		5.1		ug/Kg	⊗		11/22/14 04:05	1
Ethylbenzene	ND		2.0		ug/Kg	⊗		11/22/14 04:05	1
Hexachlorobutadiene	ND		5.1		ug/Kg	⊗		11/22/14 04:05	1
Isopropylbenzene	ND		2.0		ug/Kg	⊗		11/22/14 04:05	1
m,p-Xylene	ND		4.1		ug/Kg	⊗		11/22/14 04:05	1
Methylene Chloride	ND		20		ug/Kg	⊗		11/22/14 04:05	1
Methyl-t-Butyl Ether (MTBE)	ND		5.1		ug/Kg	⊗		11/22/14 04:05	1
Naphthalene	ND		5.1		ug/Kg	⊗		11/22/14 04:05	1
n-Butylbenzene	ND		5.1		ug/Kg	⊗		11/22/14 04:05	1
N-Propylbenzene	ND		2.0		ug/Kg	⊗		11/22/14 04:05	1
o-Xylene	ND		2.0		ug/Kg	⊗		11/22/14 04:05	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS002

Date Collected: 11/21/14 17:08

Date Received: 11/21/14 21:00

Lab Sample ID: 440-94032-25

Matrix: Solid

Percent Solids: 98.0

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		5.1		ug/Kg	⊗		11/22/14 04:05	1
Styrene	ND		2.0		ug/Kg	⊗		11/22/14 04:05	1
Tert-amyl-methyl ether (TAME)	ND		5.1		ug/Kg	⊗		11/22/14 04:05	1
tert-Butylbenzene	ND		5.1		ug/Kg	⊗		11/22/14 04:05	1
Tetrachloroethene	ND		2.0		ug/Kg	⊗		11/22/14 04:05	1
Toluene	ND		2.0		ug/Kg	⊗		11/22/14 04:05	1
trans-1,2-Dichloroethene	ND		2.0		ug/Kg	⊗		11/22/14 04:05	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg	⊗		11/22/14 04:05	1
Trichloroethene	ND		2.0		ug/Kg	⊗		11/22/14 04:05	1
Trichlorofluoromethane	ND		5.1		ug/Kg	⊗		11/22/14 04:05	1
Vinyl chloride	ND		5.1		ug/Kg	⊗		11/22/14 04:05	1
Xylenes, Total	ND		4.1		ug/Kg	⊗		11/22/14 04:05	1
Isopropyl Ether (DIPE)	ND		5.1		ug/Kg	⊗		11/22/14 04:05	1
Ethyl-t-butyl ether (ETBE)	ND		5.1		ug/Kg	⊗		11/22/14 04:05	1
tert-Butyl alcohol (TBA)	ND		100		ug/Kg	⊗		11/22/14 04:05	1
p-Isopropyltoluene	ND		2.0		ug/Kg	⊗		11/22/14 04:05	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97			79 - 123				11/22/14 04:05	1
4-Bromofluorobenzene (Surr)	95			79 - 120				11/22/14 04:05	1
Dibromofluoromethane (Surr)	109			60 - 120				11/22/14 04:05	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		330		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
1,2-Dichlorobenzene	ND		330		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
1,2-Diphenylhydrazine(as Azobenzene)	ND		330		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
1,3-Dichlorobenzene	ND		330		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
1,4-Dichlorobenzene	ND		330		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
2,4,5-Trichlorophenol	ND		330		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
2,4,6-Trichlorophenol	ND		330		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
2,4-Dichlorophenol	ND		330		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
2,4-Dimethylphenol	ND		330		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
2,4-Dinitrophenol	ND		670		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
2,4-Dinitrotoluene	ND		330		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
2,6-Dinitrotoluene	ND		330		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
2-Chloronaphthalene	ND		330		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
2-Chlorophenol	ND		330		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
2-Methylnaphthalene	ND		330		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
2-Methylphenol	ND		330		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
2-Nitroaniline	ND		330		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
2-Nitrophenol	ND		330		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
3,3'-Dichlorobenzidine	ND		840		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
3-Nitroaniline	ND		330		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
4,6-Dinitro-2-methylphenol	ND	*	420		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
4-Bromophenyl phenyl ether	ND	*	330		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
4-Chloro-3-methylphenol	ND		330		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
4-Chloroaniline	ND		330		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
4-Chlorophenyl phenyl ether	ND		330		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS002

Lab Sample ID: 440-94032-25

Date Collected: 11/21/14 17:08

Matrix: Solid

Date Received: 11/21/14 21:00

Percent Solids: 98.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Methylphenol + 4-Methylphenol	ND		330		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
4-Nitroaniline	ND		840		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
4-Nitrophenol	ND		840		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
Acenaphthene	ND		330		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
Acenaphthylene	ND		330		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
Aniline	ND		420		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
Anthracene	ND		330		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
Benzidine	ND		1400		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
Benzo[a]anthracene	ND		330		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
Benzo[a]pyrene	ND		330		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
Benzo[b]fluoranthene	ND *		330		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
Benzo[g,h,i]perylene	ND		330		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
Benzo[k]fluoranthene	ND		330		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
Benzoic acid	ND		840		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
Benzyl alcohol	ND		330		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
Bis(2-chloroethoxy)methane	ND		330		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
Bis(2-chloroethyl)ether	ND		330		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
Bis(2-ethylhexyl) phthalate	ND		330		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
Butyl benzyl phthalate	ND		330		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
Chrysene	ND		330		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
Dibenz(a,h)anthracene	ND		420		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
Dibenzo furan	ND		330		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
Diethyl phthalate	ND		330		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
Dimethyl phthalate	ND		330		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
Di-n-butyl phthalate	ND		330		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
Di-n-octyl phthalate	ND		330		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
Fluoranthene	ND		330		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
Fluorene	ND		330		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
Hexachlorobenzene	ND		330		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
Hexachlorobutadiene	ND		330		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
Hexachlorocyclopentadiene	ND		840		ug/Kg	⊗	11/21/14 21:49	11/22/14 10:13	1
Hexachloroethane	ND		330		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
Indeno[1,2,3-cd]pyrene	ND *		330		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
Isophorone	ND		330		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
Naphthalene	ND		330		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
Nitrobenzene	ND		330		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
N-Nitrosodi-n-propylamine	ND		250		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
N-Nitrosodiphenylamine	ND		330		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
Pentachlorophenol	ND		840		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
Phenanthrene	ND		330		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
Phenol	ND		330		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
Pyrene	ND		330		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
bis (2-chloroisopropyl) ether	ND		330		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
N-Nitrosodimethylamine	ND		330		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	91		35 - 120				11/21/14 21:49	11/22/14 17:30	1
2-Fluorophenol (Surr)	75		25 - 120				11/21/14 21:49	11/22/14 17:30	1
2,4,6-Tribromophenol (Surr)	92		35 - 125				11/21/14 21:49	11/22/14 17:30	1
Nitrobenzene-d5 (Surr)	73		30 - 120				11/21/14 21:49	11/22/14 17:30	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS002

Lab Sample ID: 440-94032-25

Date Collected: 11/21/14 17:08

Matrix: Solid

Date Received: 11/21/14 21:00

Percent Solids: 98.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14 (Surr)	76		40 - 135	11/21/14 21:49	11/22/14 17:30	1
Phenol-d6 (Surr)	80		35 - 120	11/21/14 21:49	11/22/14 17:30	1

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		390		ug/Kg	⊗		11/22/14 10:10	1
Surrogate	%Recovery	Qualifier	Limits			⊗	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		65 - 140			⊗		11/22/14 10:10	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	10		5.1		mg/Kg	⊗	11/21/14 21:49	11/22/14 04:41	1
C23-C40	15		5.1		mg/Kg	⊗	11/21/14 21:49	11/22/14 04:41	1
Surrogate	%Recovery	Qualifier	Limits			⊗	Prepared	Analyzed	Dil Fac
n-Octacosane	42		40 - 140			⊗	11/21/14 21:49	11/22/14 04:41	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:59	5
Arsenic	7.5		3.0		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:59	5
Barium	190		1.5		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:59	5
Beryllium	0.60		0.51		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:59	5
Cadmium	1.3		0.51		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:59	5
Chromium	35		1.0		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:59	5
Cobalt	6.9		1.0		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:59	5
Copper	30		2.0		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:59	5
Lead	9.6		2.0		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:59	5
Molybdenum	2.7		2.0		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:59	5
Nickel	33		2.0		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:59	5
Selenium	ND		3.0		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:59	5
Thallium	ND		10		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:59	5
Vanadium	56		1.0		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:59	5
Zinc	94		5.1		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:59	5
Silver	ND		1.5		mg/Kg	⊗	11/21/14 21:58	11/22/14 11:59	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.029		0.020		mg/Kg	⊗	11/21/14 22:20	11/22/14 02:57	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	2.0		0.10	%			12/17/14 16:13	1
Percent Solids	98		0.10	%			12/17/14 16:13	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS014
Date Collected: 11/21/14 17:32
Date Received: 11/21/14 21:00

Lab Sample ID: 440-94032-26
Matrix: Solid
Percent Solids: 97.3

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.2		ug/Kg	⊗		11/22/14 04:35	1
1,1,1-Trichloroethane	ND		2.1		ug/Kg	⊗		11/22/14 04:35	1
1,1,2,2-Tetrachloroethane	ND		2.1		ug/Kg	⊗		11/22/14 04:35	1
1,1,2-Trichloroethane	ND		2.1		ug/Kg	⊗		11/22/14 04:35	1
1,1-Dichloroethane	ND		2.1		ug/Kg	⊗		11/22/14 04:35	1
1,1-Dichloroethene	ND		5.2		ug/Kg	⊗		11/22/14 04:35	1
1,1-Dichloropropene	ND		2.1		ug/Kg	⊗		11/22/14 04:35	1
1,2,3-Trichlorobenzene	ND		5.2		ug/Kg	⊗		11/22/14 04:35	1
1,2,3-Trichloropropane	ND		10		ug/Kg	⊗		11/22/14 04:35	1
1,2,4-Trichlorobenzene	ND		5.2		ug/Kg	⊗		11/22/14 04:35	1
1,2,4-Trimethylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 04:35	1
1,2-Dibromo-3-Chloropropane	ND		5.2		ug/Kg	⊗		11/22/14 04:35	1
1,2-Dibromoethane (EDB)	ND		2.1		ug/Kg	⊗		11/22/14 04:35	1
1,2-Dichlorobenzene	ND		2.1		ug/Kg	⊗		11/22/14 04:35	1
1,2-Dichloroethane	ND		2.1		ug/Kg	⊗		11/22/14 04:35	1
1,2-Dichloropropene	ND		2.1		ug/Kg	⊗		11/22/14 04:35	1
1,3,5-Trimethylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 04:35	1
1,3-Dichlorobenzene	ND		2.1		ug/Kg	⊗		11/22/14 04:35	1
1,3-Dichloropropane	ND		2.1		ug/Kg	⊗		11/22/14 04:35	1
1,4-Dichlorobenzene	ND		2.1		ug/Kg	⊗		11/22/14 04:35	1
2,2-Dichloropropane	ND		2.1		ug/Kg	⊗		11/22/14 04:35	1
2-Chlorotoluene	ND		5.2		ug/Kg	⊗		11/22/14 04:35	1
4-Chlorotoluene	ND		5.2		ug/Kg	⊗		11/22/14 04:35	1
Benzene	ND		2.1		ug/Kg	⊗		11/22/14 04:35	1
Bromobenzene	ND		5.2		ug/Kg	⊗		11/22/14 04:35	1
Bromochloromethane	ND		5.2		ug/Kg	⊗		11/22/14 04:35	1
Bromodichloromethane	ND		2.1		ug/Kg	⊗		11/22/14 04:35	1
Bromoform	ND		5.2		ug/Kg	⊗		11/22/14 04:35	1
Bromomethane	ND		5.2		ug/Kg	⊗		11/22/14 04:35	1
Carbon tetrachloride	ND		5.2		ug/Kg	⊗		11/22/14 04:35	1
Chlorobenzene	ND		2.1		ug/Kg	⊗		11/22/14 04:35	1
Chloroethane	ND		5.2		ug/Kg	⊗		11/22/14 04:35	1
Chloroform	ND		2.1		ug/Kg	⊗		11/22/14 04:35	1
Chloromethane	ND		5.2		ug/Kg	⊗		11/22/14 04:35	1
cis-1,2-Dichloroethene	ND		2.1		ug/Kg	⊗		11/22/14 04:35	1
cis-1,3-Dichloropropene	ND		2.1		ug/Kg	⊗		11/22/14 04:35	1
Dibromochloromethane	ND		2.1		ug/Kg	⊗		11/22/14 04:35	1
Dibromomethane	ND		2.1		ug/Kg	⊗		11/22/14 04:35	1
Dichlorodifluoromethane	ND		5.2		ug/Kg	⊗		11/22/14 04:35	1
Ethylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 04:35	1
Hexachlorobutadiene	ND		5.2		ug/Kg	⊗		11/22/14 04:35	1
Isopropylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 04:35	1
m,p-Xylene	ND		4.1		ug/Kg	⊗		11/22/14 04:35	1
Methylene Chloride	ND		21		ug/Kg	⊗		11/22/14 04:35	1
Methyl-t-Butyl Ether (MTBE)	ND		5.2		ug/Kg	⊗		11/22/14 04:35	1
Naphthalene	ND		5.2		ug/Kg	⊗		11/22/14 04:35	1
n-Butylbenzene	ND		5.2		ug/Kg	⊗		11/22/14 04:35	1
N-Propylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 04:35	1
o-Xylene	ND		2.1		ug/Kg	⊗		11/22/14 04:35	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS014
Date Collected: 11/21/14 17:32
Date Received: 11/21/14 21:00

Lab Sample ID: 440-94032-26
Matrix: Solid
Percent Solids: 97.3

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		5.2		ug/Kg	⊗		11/22/14 04:35	1
Styrene	ND		2.1		ug/Kg	⊗		11/22/14 04:35	1
Tert-amyl-methyl ether (TAME)	ND		5.2		ug/Kg	⊗		11/22/14 04:35	1
tert-Butylbenzene	ND		5.2		ug/Kg	⊗		11/22/14 04:35	1
Tetrachloroethene	ND		2.1		ug/Kg	⊗		11/22/14 04:35	1
Toluene	ND		2.1		ug/Kg	⊗		11/22/14 04:35	1
trans-1,2-Dichloroethene	ND		2.1		ug/Kg	⊗		11/22/14 04:35	1
trans-1,3-Dichloropropene	ND		2.1		ug/Kg	⊗		11/22/14 04:35	1
Trichloroethene	ND		2.1		ug/Kg	⊗		11/22/14 04:35	1
Trichlorofluoromethane	ND		5.2		ug/Kg	⊗		11/22/14 04:35	1
Vinyl chloride	ND		5.2		ug/Kg	⊗		11/22/14 04:35	1
Xylenes, Total	ND		4.1		ug/Kg	⊗		11/22/14 04:35	1
Isopropyl Ether (DIPE)	ND		5.2		ug/Kg	⊗		11/22/14 04:35	1
Ethyl-t-butyl ether (ETBE)	ND		5.2		ug/Kg	⊗		11/22/14 04:35	1
tert-Butyl alcohol (TBA)	ND		100		ug/Kg	⊗		11/22/14 04:35	1
p-Isopropyltoluene	ND		2.1		ug/Kg	⊗		11/22/14 04:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		79 - 123					11/22/14 04:35	1
4-Bromofluorobenzene (Surr)	97		79 - 120					11/22/14 04:35	1
Dibromofluoromethane (Surr)	107		60 - 120					11/22/14 04:35	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
1,2-Dichlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
1,2-Diphenylhydrazine(as Azobenzene)	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
1,3-Dichlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
1,4-Dichlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
2,4,5-Trichlorophenol	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
2,4,6-Trichlorophenol	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
2,4-Dichlorophenol	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
2,4-Dimethylphenol	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
2,4-Dinitrophenol	ND		670		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
2,4-Dinitrotoluene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
2,6-Dinitrotoluene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
2-Chloronaphthalene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
2-Chlorophenol	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
2-Methylnaphthalene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
2-Methylphenol	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
2-Nitroaniline	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
2-Nitrophenol	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
3,3'-Dichlorobenzidine	ND		850		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
3-Nitroaniline	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
4,6-Dinitro-2-methylphenol	ND	*	430		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
4-Bromophenyl phenyl ether	ND	*	340		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
4-Chloro-3-methylphenol	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
4-Chloroaniline	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
4-Chlorophenyl phenyl ether	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS014

Lab Sample ID: 440-94032-26

Date Collected: 11/21/14 17:32

Matrix: Solid

Date Received: 11/21/14 21:00

Percent Solids: 97.3

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Methylphenol + 4-Methylphenol	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
4-Nitroaniline	ND		850		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
4-Nitrophenol	ND		850		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
Acenaphthene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
Acenaphthylene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
Aniline	ND		430		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
Anthracene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
Benzidine	ND		1400		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
Benzo[a]anthracene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
Benzo[a]pyrene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
Benzo[b]fluoranthene	ND *		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
Benzo[g,h,i]perylene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
Benzo[k]fluoranthene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
Benzoic acid	ND		850		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
Benzyl alcohol	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
Bis(2-chloroethoxy)methane	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
Bis(2-chloroethyl)ether	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
Bis(2-ethylhexyl) phthalate	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
Butyl benzyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
Chrysene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
Dibenz(a,h)anthracene	ND		430		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
Dibenzofuran	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
Diethyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
Dimethyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
Di-n-butyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
Di-n-octyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
Fluoranthene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
Fluorene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
Hexachlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
Hexachlorobutadiene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
Hexachlorocyclopentadiene	ND		850		ug/Kg	⊗	11/21/14 21:49	11/22/14 10:34	1
Hexachloroethane	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
Indeno[1,2,3-cd]pyrene	ND *		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
Isophorone	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
Naphthalene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
Nitrobenzene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
N-Nitrosodi-n-propylamine	ND		250		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
N-Nitrosodiphenylamine	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
Pentachlorophenol	ND		850		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
Phenanthrene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
Phenol	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
Pyrene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
bis (2-chloroisopropyl) ether	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
N-Nitrosodimethylamine	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 15:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	82		35 - 120				11/21/14 21:49	11/22/14 15:45	1
2-Fluorophenol (Surr)	72		25 - 120				11/21/14 21:49	11/22/14 15:45	1
2,4,6-Tribromophenol (Surr)	88		35 - 125				11/21/14 21:49	11/22/14 15:45	1
Nitrobenzene-d5 (Surr)	69		30 - 120				11/21/14 21:49	11/22/14 15:45	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS014

Lab Sample ID: 440-94032-26

Date Collected: 11/21/14 17:32

Matrix: Solid

Date Received: 11/21/14 21:00

Percent Solids: 97.3

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14 (Surr)	61		40 - 135	11/21/14 21:49	11/22/14 15:45	1
Phenol-d6 (Surr)	77		35 - 120	11/21/14 21:49	11/22/14 15:45	1

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		390		ug/Kg	⊗		11/22/14 04:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		65 - 140					11/22/14 04:23	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	6.6		5.1		mg/Kg	⊗	11/21/14 21:49	11/22/14 09:05	1
C23-C40	36		5.1		mg/Kg	⊗	11/21/14 21:49	11/22/14 09:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
n-Octacosane	46		40 - 140				11/21/14 21:49	11/22/14 09:05	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10		mg/Kg	⊗	11/21/14 22:11	11/22/14 10:28	5
Arsenic	6.0		3.1		mg/Kg	⊗	11/21/14 22:11	11/22/14 10:28	5
Barium	160		1.5		mg/Kg	⊗	11/21/14 22:11	11/22/14 10:28	5
Beryllium	ND		0.52		mg/Kg	⊗	11/21/14 22:11	11/22/14 10:28	5
Cadmium	0.79		0.52		mg/Kg	⊗	11/21/14 22:11	11/22/14 10:28	5
Chromium	23		1.0		mg/Kg	⊗	11/21/14 22:11	11/22/14 10:28	5
Cobalt	5.8		1.0		mg/Kg	⊗	11/21/14 22:11	11/22/14 10:28	5
Copper	25		2.1		mg/Kg	⊗	11/21/14 22:11	11/22/14 10:28	5
Lead	9.4		2.1		mg/Kg	⊗	11/21/14 22:11	11/22/14 10:28	5
Molybdenum	ND		2.1		mg/Kg	⊗	11/21/14 22:11	11/22/14 10:28	5
Nickel	22		2.1		mg/Kg	⊗	11/21/14 22:11	11/22/14 10:28	5
Selenium	ND		3.1		mg/Kg	⊗	11/21/14 22:11	11/22/14 10:28	5
Thallium	ND		10		mg/Kg	⊗	11/21/14 22:11	11/22/14 10:28	5
Vanadium	39		1.0		mg/Kg	⊗	11/21/14 22:11	11/22/14 10:28	5
Zinc	64		5.2		mg/Kg	⊗	11/21/14 22:11	11/22/14 10:28	5
Silver	ND		1.5		mg/Kg	⊗	11/21/14 22:11	11/22/14 10:28	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.031		0.020		mg/Kg	⊗	11/21/14 22:20	11/22/14 02:59	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	2.7		0.10	%			12/17/14 16:23	1
Percent Solids	97		0.10	%			12/17/14 16:23	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS015

Lab Sample ID: 440-94032-27

Date Collected: 11/21/14 16:00
 Date Received: 11/21/14 21:00

Matrix: Solid

Percent Solids: 95.9

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.2		ug/Kg	⊗		11/22/14 04:00	1
1,1,1-Trichloroethane	ND		2.1		ug/Kg	⊗		11/22/14 04:00	1
1,1,2,2-Tetrachloroethane	ND *		2.1		ug/Kg	⊗		11/22/14 04:00	1
1,1,2-Trichloroethane	ND		2.1		ug/Kg	⊗		11/22/14 04:00	1
1,1-Dichloroethane	ND		2.1		ug/Kg	⊗		11/22/14 04:00	1
1,1-Dichloroethene	ND		5.2		ug/Kg	⊗		11/22/14 04:00	1
1,1-Dichloropropene	ND		2.1		ug/Kg	⊗		11/22/14 04:00	1
1,2,3-Trichlorobenzene	ND *		5.2		ug/Kg	⊗		11/22/14 04:00	1
1,2,3-Trichloropropane	ND *		10		ug/Kg	⊗		11/22/14 04:00	1
1,2,4-Trichlorobenzene	ND *		5.2		ug/Kg	⊗		11/22/14 04:00	1
1,2,4-Trimethylbenzene	ND *		2.1		ug/Kg	⊗		11/22/14 04:00	1
1,2-Dibromo-3-Chloropropane	ND *		5.2		ug/Kg	⊗		11/22/14 04:00	1
1,2-Dibromoethane (EDB)	ND		2.1		ug/Kg	⊗		11/22/14 04:00	1
1,2-Dichlorobenzene	ND *		2.1		ug/Kg	⊗		11/22/14 04:00	1
1,2-Dichloroethane	ND		2.1		ug/Kg	⊗		11/22/14 04:00	1
1,2-Dichloropropene	ND		2.1		ug/Kg	⊗		11/22/14 04:00	1
1,3,5-Trimethylbenzene	ND *		2.1		ug/Kg	⊗		11/22/14 04:00	1
1,3-Dichlorobenzene	ND *		2.1		ug/Kg	⊗		11/22/14 04:00	1
1,3-Dichloropropane	ND		2.1		ug/Kg	⊗		11/22/14 04:00	1
1,4-Dichlorobenzene	ND *		2.1		ug/Kg	⊗		11/22/14 04:00	1
2,2-Dichloropropane	ND		2.1		ug/Kg	⊗		11/22/14 04:00	1
2-Chlorotoluene	ND *		5.2		ug/Kg	⊗		11/22/14 04:00	1
4-Chlorotoluene	ND *		5.2		ug/Kg	⊗		11/22/14 04:00	1
Benzene	ND		2.1		ug/Kg	⊗		11/22/14 04:00	1
Bromobenzene	ND *		5.2		ug/Kg	⊗		11/22/14 04:00	1
Bromochloromethane	ND		5.2		ug/Kg	⊗		11/22/14 04:00	1
Bromodichloromethane	ND		2.1		ug/Kg	⊗		11/22/14 04:00	1
Bromoform	ND		5.2		ug/Kg	⊗		11/22/14 04:00	1
Bromomethane	ND		5.2		ug/Kg	⊗		11/22/14 04:00	1
Carbon tetrachloride	ND		5.2		ug/Kg	⊗		11/22/14 04:00	1
Chlorobenzene	ND		2.1		ug/Kg	⊗		11/22/14 04:00	1
Chloroethane	ND		5.2		ug/Kg	⊗		11/22/14 04:00	1
Chloroform	ND		2.1		ug/Kg	⊗		11/22/14 04:00	1
Chloromethane	ND		5.2		ug/Kg	⊗		11/22/14 04:00	1
cis-1,2-Dichloroethene	ND		2.1		ug/Kg	⊗		11/22/14 04:00	1
cis-1,3-Dichloropropene	ND		2.1		ug/Kg	⊗		11/22/14 04:00	1
Dibromochloromethane	ND		2.1		ug/Kg	⊗		11/22/14 04:00	1
Dibromomethane	ND		2.1		ug/Kg	⊗		11/22/14 04:00	1
Dichlorodifluoromethane	ND		5.2		ug/Kg	⊗		11/22/14 04:00	1
Ethylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 04:00	1
Hexachlorobutadiene	ND *		5.2		ug/Kg	⊗		11/22/14 04:00	1
Isopropylbenzene	ND		2.1		ug/Kg	⊗		11/22/14 04:00	1
m,p-Xylene	ND		4.2		ug/Kg	⊗		11/22/14 04:00	1
Methylene Chloride	ND		21		ug/Kg	⊗		11/22/14 04:00	1
Methyl-t-Butyl Ether (MTBE)	ND		5.2		ug/Kg	⊗		11/22/14 04:00	1
Naphthalene	ND *		5.2		ug/Kg	⊗		11/22/14 04:00	1
n-Butylbenzene	ND *		5.2		ug/Kg	⊗		11/22/14 04:00	1
N-Propylbenzene	ND *		2.1		ug/Kg	⊗		11/22/14 04:00	1
o-Xylene	ND		2.1		ug/Kg	⊗		11/22/14 04:00	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS015

Date Collected: 11/21/14 16:00

Date Received: 11/21/14 21:00

Lab Sample ID: 440-94032-27

Matrix: Solid

Percent Solids: 95.9

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND	*	5.2		ug/Kg	⊗		11/22/14 04:00	1
Styrene	ND		2.1		ug/Kg	⊗		11/22/14 04:00	1
Tert-amyl-methyl ether (TAME)	ND		5.2		ug/Kg	⊗		11/22/14 04:00	1
tert-Butylbenzene	ND	*	5.2		ug/Kg	⊗		11/22/14 04:00	1
Tetrachloroethene	ND		2.1		ug/Kg	⊗		11/22/14 04:00	1
Toluene	ND		2.1		ug/Kg	⊗		11/22/14 04:00	1
trans-1,2-Dichloroethene	ND		2.1		ug/Kg	⊗		11/22/14 04:00	1
trans-1,3-Dichloropropene	ND		2.1		ug/Kg	⊗		11/22/14 04:00	1
Trichloroethene	ND		2.1		ug/Kg	⊗		11/22/14 04:00	1
Trichlorofluoromethane	ND		5.2		ug/Kg	⊗		11/22/14 04:00	1
Vinyl chloride	ND		5.2		ug/Kg	⊗		11/22/14 04:00	1
Xylenes, Total	ND		4.2		ug/Kg	⊗		11/22/14 04:00	1
Isopropyl Ether (DIPE)	ND		5.2		ug/Kg	⊗		11/22/14 04:00	1
Ethyl-t-butyl ether (ETBE)	ND		5.2		ug/Kg	⊗		11/22/14 04:00	1
tert-Butyl alcohol (TBA)	ND		100		ug/Kg	⊗		11/22/14 04:00	1
p-Isopropyltoluene	ND	*	2.1		ug/Kg	⊗		11/22/14 04:00	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	107			79 - 123				11/22/14 04:00	1
4-Bromofluorobenzene (Surr)	108	*		79 - 120				11/22/14 04:00	1
Dibromofluoromethane (Surr)	107			60 - 120				11/22/14 04:00	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
1,2-Dichlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
1,2-Diphenylhydrazine(as Azobenzene)	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
1,3-Dichlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
1,4-Dichlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
2,4,5-Trichlorophenol	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
2,4,6-Trichlorophenol	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
2,4-Dichlorophenol	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
2,4-Dimethylphenol	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
2,4-Dinitrophenol	ND		680		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
2,4-Dinitrotoluene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
2,6-Dinitrotoluene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
2-Chloronaphthalene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
2-Chlorophenol	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
2-Methylnaphthalene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
2-Methylphenol	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
2-Nitroaniline	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
2-Nitrophenol	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
3,3'-Dichlorobenzidine	ND		860		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
3-Nitroaniline	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
4,6-Dinitro-2-methylphenol	ND		430		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
4-Bromophenyl phenyl ether	ND	*	340		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
4-Chloro-3-methylphenol	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
4-Chloroaniline	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
4-Chlorophenyl phenyl ether	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS015

Lab Sample ID: 440-94032-27

Date Collected: 11/21/14 16:00
 Date Received: 11/21/14 21:00

Matrix: Solid

Percent Solids: 95.9

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Methylphenol + 4-Methylphenol	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
4-Nitroaniline	ND		860		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
4-Nitrophenol	ND		860		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
Acenaphthene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
Acenaphthylene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
Aniline	ND		430		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
Anthracene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
Benzidine	ND		1400		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
Benzo[a]anthracene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
Benzo[a]pyrene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
Benzo[b]fluoranthene	ND *		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
Benzo[g,h,i]perylene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
Benzo[k]fluoranthene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
Benzoic acid	ND		860		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
Benzyl alcohol	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
Bis(2-chloroethoxy)methane	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
Bis(2-chloroethyl)ether	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
Bis(2-ethylhexyl) phthalate	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
Butyl benzyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
Chrysene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
Dibenz(a,h)anthracene	ND		430		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
Dibenzo furan	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
Diethyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
Dimethyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
Di-n-butyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
Di-n-octyl phthalate	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
Fluoranthene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
Fluorene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
Hexachlorobenzene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
Hexachlorobutadiene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
Hexachlorocyclopentadiene	ND		860		ug/Kg	⊗	11/21/14 21:49	11/22/14 10:55	1
Hexachloroethane	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
Indeno[1,2,3-cd]pyrene	ND *		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
Isophorone	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
Naphthalene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
Nitrobenzene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
N-Nitrosodi-n-propylamine	ND		260		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
N-Nitrosodiphenylamine	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
Pentachlorophenol	ND		860		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
Phenanthrene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
Phenol	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
Pyrene	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
bis (2-chloroisopropyl) ether	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
N-Nitrosodimethylamine	ND		340		ug/Kg	⊗	11/21/14 21:49	11/22/14 17:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	74		35 - 120				11/21/14 21:49	11/22/14 17:51	1
2-Fluorophenol (Surr)	65		25 - 120				11/21/14 21:49	11/22/14 17:51	1
2,4,6-Tribromophenol (Surr)	78		35 - 125				11/21/14 21:49	11/22/14 17:51	1
Nitrobenzene-d5 (Surr)	62		30 - 120				11/21/14 21:49	11/22/14 17:51	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS015

Lab Sample ID: 440-94032-27

Date Collected: 11/21/14 16:00
 Date Received: 11/21/14 21:00

Matrix: Solid

Percent Solids: 95.9

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14 (Surr)	64		40 - 135	11/21/14 21:49	11/22/14 17:51	1
Phenol-d6 (Surr)	69		35 - 120	11/21/14 21:49	11/22/14 17:51	1

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		420		ug/Kg	⊗		11/22/14 05:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	74		65 - 140					11/22/14 05:51	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	7.1		5.1		mg/Kg	⊗	11/21/14 21:49	11/22/14 06:40	1
C23-C40	27		5.1		mg/Kg	⊗	11/21/14 21:49	11/22/14 06:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
n-Octacosane	47		40 - 140				11/21/14 21:49	11/22/14 06:40	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10		mg/Kg	⊗	11/21/14 22:13	11/22/14 10:30	5
Arsenic	6.3		3.1		mg/Kg	⊗	11/21/14 22:13	11/22/14 10:30	5
Barium	220		1.6		mg/Kg	⊗	11/21/14 22:13	11/22/14 10:30	5
Beryllium	0.54		0.52		mg/Kg	⊗	11/21/14 22:13	11/22/14 10:30	5
Cadmium	0.96		0.52		mg/Kg	⊗	11/21/14 22:13	11/22/14 10:30	5
Chromium	27		1.0		mg/Kg	⊗	11/21/14 22:13	11/22/14 10:30	5
Cobalt	6.6		1.0		mg/Kg	⊗	11/21/14 22:13	11/22/14 10:30	5
Copper	28		2.1		mg/Kg	⊗	11/21/14 22:13	11/22/14 10:30	5
Lead	9.8		2.1		mg/Kg	⊗	11/21/14 22:13	11/22/14 10:30	5
Molybdenum	ND		2.1		mg/Kg	⊗	11/21/14 22:13	11/22/14 10:30	5
Nickel	27		2.1		mg/Kg	⊗	11/21/14 22:13	11/22/14 10:30	5
Selenium	ND		3.1		mg/Kg	⊗	11/21/14 22:13	11/22/14 10:30	5
Thallium	ND		10		mg/Kg	⊗	11/21/14 22:13	11/22/14 10:30	5
Vanadium	45		1.0		mg/Kg	⊗	11/21/14 22:13	11/22/14 10:30	5
Zinc	74		5.2		mg/Kg	⊗	11/21/14 22:13	11/22/14 10:30	5
Silver	ND		1.6		mg/Kg	⊗	11/21/14 22:13	11/22/14 10:30	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.021		0.020		mg/Kg	⊗	11/21/14 22:20	11/22/14 03:02	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	4.1		0.10	%			12/17/14 16:23	1
Percent Solids	96		0.10	%			12/17/14 16:23	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121TB002
Date Collected: 11/21/14 00:01
Date Received: 11/21/14 21:00

Lab Sample ID: 440-94032-28
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0		ug/L			11/22/14 01:33	1
1,1,1-Trichloroethane	ND		2.0		ug/L			11/22/14 01:33	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			11/22/14 01:33	1
1,1,2-Trichloroethane	ND		2.0		ug/L			11/22/14 01:33	1
1,1-Dichloroethane	ND		2.0		ug/L			11/22/14 01:33	1
1,1-Dichloroethene	ND		5.0		ug/L			11/22/14 01:33	1
1,1-Dichloropropene	ND		2.0		ug/L			11/22/14 01:33	1
1,2,3-Trichlorobenzene	ND		5.0		ug/L			11/22/14 01:33	1
1,2,3-Trichloropropane	ND		10		ug/L			11/22/14 01:33	1
1,2,4-Trichlorobenzene	ND		5.0		ug/L			11/22/14 01:33	1
1,2,4-Trimethylbenzene	ND		2.0		ug/L			11/22/14 01:33	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/L			11/22/14 01:33	1
1,2-Dibromoethane (EDB)	ND		2.0		ug/L			11/22/14 01:33	1
1,2-Dichlorobenzene	ND		2.0		ug/L			11/22/14 01:33	1
1,2-Dichloroethane	ND		2.0		ug/L			11/22/14 01:33	1
1,2-Dichloropropene	ND		2.0		ug/L			11/22/14 01:33	1
1,3,5-Trimethylbenzene	ND		2.0		ug/L			11/22/14 01:33	1
1,3-Dichlorobenzene	ND		2.0		ug/L			11/22/14 01:33	1
1,3-Dichloropropane	ND		2.0		ug/L			11/22/14 01:33	1
1,4-Dichlorobenzene	ND		2.0		ug/L			11/22/14 01:33	1
2,2-Dichloropropane	ND		2.0		ug/L			11/22/14 01:33	1
2-Chlorotoluene	ND		5.0		ug/L			11/22/14 01:33	1
4-Chlorotoluene	ND		5.0		ug/L			11/22/14 01:33	1
Benzene	ND		2.0		ug/L			11/22/14 01:33	1
Bromobenzene	ND		5.0		ug/L			11/22/14 01:33	1
Bromochloromethane	ND		5.0		ug/L			11/22/14 01:33	1
Bromodichloromethane	ND		2.0		ug/L			11/22/14 01:33	1
Bromoform	ND		5.0		ug/L			11/22/14 01:33	1
Bromomethane	ND		5.0		ug/L			11/22/14 01:33	1
Carbon tetrachloride	ND		5.0		ug/L			11/22/14 01:33	1
Chlorobenzene	ND		2.0		ug/L			11/22/14 01:33	1
Chloroethane	ND		5.0		ug/L			11/22/14 01:33	1
Chloroform	ND		2.0		ug/L			11/22/14 01:33	1
Chloromethane	ND		5.0		ug/L			11/22/14 01:33	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			11/22/14 01:33	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			11/22/14 01:33	1
Dibromochloromethane	ND		2.0		ug/L			11/22/14 01:33	1
Dibromomethane	ND		2.0		ug/L			11/22/14 01:33	1
Dichlorodifluoromethane	ND		5.0		ug/L			11/22/14 01:33	1
Ethylbenzene	ND		2.0		ug/L			11/22/14 01:33	1
Hexachlorobutadiene	ND		5.0		ug/L			11/22/14 01:33	1
Isopropylbenzene	ND		2.0		ug/L			11/22/14 01:33	1
m,p-Xylene	ND		2.0		ug/L			11/22/14 01:33	1
Methylene Chloride	ND		5.0		ug/L			11/22/14 01:33	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0		ug/L			11/22/14 01:33	1
Naphthalene	ND		5.0		ug/L			11/22/14 01:33	1
n-Butylbenzene	ND		5.0		ug/L			11/22/14 01:33	1
N-Propylbenzene	ND		2.0		ug/L			11/22/14 01:33	1
o-Xylene	ND		2.0		ug/L			11/22/14 01:33	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121TB002

Lab Sample ID: 440-94032-28

Matrix: Water

Date Collected: 11/21/14 00:01

Date Received: 11/21/14 21:00

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		5.0		ug/L			11/22/14 01:33	1
Styrene	ND		2.0		ug/L			11/22/14 01:33	1
Tert-amyl-methyl ether (TAME)	ND		5.0		ug/L			11/22/14 01:33	1
tert-Butylbenzene	ND		5.0		ug/L			11/22/14 01:33	1
Tetrachloroethene	ND		2.0		ug/L			11/22/14 01:33	1
Toluene	ND		2.0		ug/L			11/22/14 01:33	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			11/22/14 01:33	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			11/22/14 01:33	1
Trichloroethene	ND		2.0		ug/L			11/22/14 01:33	1
Trichlorofluoromethane	ND		5.0		ug/L			11/22/14 01:33	1
Vinyl chloride	ND		5.0		ug/L			11/22/14 01:33	1
Xylenes, Total	ND		2.0		ug/L			11/22/14 01:33	1
Isopropyl Ether (DIPE)	ND		5.0		ug/L			11/22/14 01:33	1
Ethyl-t-butyl ether (ETBE)	ND		5.0		ug/L			11/22/14 01:33	1
p-Isopropyltoluene	ND		2.0		ug/L			11/22/14 01:33	1
<hr/>									
Surrogate	%Recovery	Qualifier	Limits			D	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	103		80 - 128					11/22/14 01:33	1
4-Bromofluorobenzene (Surr)	94		80 - 120					11/22/14 01:33	1
Dibromofluoromethane (Surr)	114		76 - 132					11/22/14 01:33	1

Method: 8260B - Volatile Organic Compounds (GC/MS) - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butyl alcohol (TBA)	32		10		ug/L			11/22/14 13:20	1
<hr/>									
Surrogate	%Recovery	Qualifier	Limits			D	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	108		80 - 128					11/22/14 13:20	1
4-Bromofluorobenzene (Surr)	99		80 - 120					11/22/14 13:20	1
Dibromofluoromethane (Surr)	99		76 - 132					11/22/14 13:20	1

Client Sample ID: SACA1121TB003

Lab Sample ID: 440-94032-29

Matrix: Water

Date Collected: 11/21/14 00:01

Date Received: 11/21/14 21:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0		ug/L			11/22/14 02:01	1
1,1,1-Trichloroethane	ND		2.0		ug/L			11/22/14 02:01	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			11/22/14 02:01	1
1,1,2-Trichloroethane	ND		2.0		ug/L			11/22/14 02:01	1
1,1-Dichloroethane	ND		2.0		ug/L			11/22/14 02:01	1
1,1-Dichloroethene	ND		5.0		ug/L			11/22/14 02:01	1
1,1-Dichloropropene	ND		2.0		ug/L			11/22/14 02:01	1
1,2,3-Trichlorobenzene	ND		5.0		ug/L			11/22/14 02:01	1
1,2,3-Trichloropropane	ND		10		ug/L			11/22/14 02:01	1
1,2,4-Trichlorobenzene	ND		5.0		ug/L			11/22/14 02:01	1
1,2,4-Trimethylbenzene	ND		2.0		ug/L			11/22/14 02:01	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/L			11/22/14 02:01	1
1,2-Dibromoethane (EDB)	ND		2.0		ug/L			11/22/14 02:01	1
1,2-Dichlorobenzene	ND		2.0		ug/L			11/22/14 02:01	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121TB003
Date Collected: 11/21/14 00:01
Date Received: 11/21/14 21:00

Lab Sample ID: 440-94032-29
Matrix: Water

1	2	3	4	5	6	7	8	9	10	11	12	13
Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)												
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac			
1,2-Dichloroethane	ND		2.0		ug/L			11/22/14 02:01	1			
1,2-Dichloropropane	ND		2.0		ug/L			11/22/14 02:01	1			
1,3,5-Trimethylbenzene	ND		2.0		ug/L			11/22/14 02:01	1			
1,3-Dichlorobenzene	ND		2.0		ug/L			11/22/14 02:01	1			
1,3-Dichloropropane	ND		2.0		ug/L			11/22/14 02:01	1			
1,4-Dichlorobenzene	ND		2.0		ug/L			11/22/14 02:01	1			
2,2-Dichloropropane	ND		2.0		ug/L			11/22/14 02:01	1			
2-Chlorotoluene	ND		5.0		ug/L			11/22/14 02:01	1			
4-Chlorotoluene	ND		5.0		ug/L			11/22/14 02:01	1			
Benzene	ND		2.0		ug/L			11/22/14 02:01	1			
Bromobenzene	ND		5.0		ug/L			11/22/14 02:01	1			
Bromoform	ND		5.0		ug/L			11/22/14 02:01	1			
Bromomethane	ND		5.0		ug/L			11/22/14 02:01	1			
Carbon tetrachloride	ND		5.0		ug/L			11/22/14 02:01	1			
Chlorobenzene	ND		2.0		ug/L			11/22/14 02:01	1			
Chloroethane	ND		5.0		ug/L			11/22/14 02:01	1			
Chloroform	ND		2.0		ug/L			11/22/14 02:01	1			
Chloromethane	ND		5.0		ug/L			11/22/14 02:01	1			
cis-1,2-Dichloroethene	ND		2.0		ug/L			11/22/14 02:01	1			
cis-1,3-Dichloropropene	ND		2.0		ug/L			11/22/14 02:01	1			
Dibromochloromethane	ND		2.0		ug/L			11/22/14 02:01	1			
Dibromomethane	ND		2.0		ug/L			11/22/14 02:01	1			
Dichlorodifluoromethane	ND		5.0		ug/L			11/22/14 02:01	1			
Ethylbenzene	ND		2.0		ug/L			11/22/14 02:01	1			
Hexachlorobutadiene	ND		5.0		ug/L			11/22/14 02:01	1			
Isopropylbenzene	ND		2.0		ug/L			11/22/14 02:01	1			
m,p-Xylene	ND		2.0		ug/L			11/22/14 02:01	1			
Methylene Chloride	ND		5.0		ug/L			11/22/14 02:01	1			
Methyl-t-Butyl Ether (MTBE)	ND		1.0		ug/L			11/22/14 02:01	1			
Naphthalene	ND		5.0		ug/L			11/22/14 02:01	1			
n-Butylbenzene	ND		5.0		ug/L			11/22/14 02:01	1			
N-Propylbenzene	ND		2.0		ug/L			11/22/14 02:01	1			
o-Xylene	ND		2.0		ug/L			11/22/14 02:01	1			
sec-Butylbenzene	ND		5.0		ug/L			11/22/14 02:01	1			
Styrene	ND		2.0		ug/L			11/22/14 02:01	1			
Tert-amyl-methyl ether (TAME)	ND		5.0		ug/L			11/22/14 02:01	1			
tert-Butylbenzene	ND		5.0		ug/L			11/22/14 02:01	1			
Tetrachloroethene	ND		2.0		ug/L			11/22/14 02:01	1			
Toluene	ND		2.0		ug/L			11/22/14 02:01	1			
trans-1,2-Dichloroethene	ND		2.0		ug/L			11/22/14 02:01	1			
trans-1,3-Dichloropropene	ND		2.0		ug/L			11/22/14 02:01	1			
Trichloroethene	ND		2.0		ug/L			11/22/14 02:01	1			
Trichlorofluoromethane	ND		5.0		ug/L			11/22/14 02:01	1			
Vinyl chloride	ND		5.0		ug/L			11/22/14 02:01	1			
Xylenes, Total	ND		2.0		ug/L			11/22/14 02:01	1			
Isopropyl Ether (DIPE)	ND		5.0		ug/L			11/22/14 02:01	1			
Ethyl-t-butyl ether (ETBE)	ND		5.0		ug/L			11/22/14 02:01	1			

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121TB003

Lab Sample ID: 440-94032-29

Matrix: Water

Date Collected: 11/21/14 00:01
 Date Received: 11/21/14 21:00

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	ND		2.0		ug/L			11/22/14 02:01	1
Surrogate									
Toluene-d8 (Surr)	101		80 - 128				Prepared	11/22/14 02:01	1
4-Bromofluorobenzene (Surr)	95		80 - 120					11/22/14 02:01	1
Dibromofluoromethane (Surr)	114		76 - 132					11/22/14 02:01	1

Method: 8260B - Volatile Organic Compounds (GC/MS) - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butyl alcohol (TBA)	11	ID	10		ug/L			11/22/14 13:49	1
Surrogate									
Toluene-d8 (Surr)	107		80 - 128				Prepared	11/22/14 13:49	1
4-Bromofluorobenzene (Surr)	102		80 - 120					11/22/14 13:49	1
Dibromofluoromethane (Surr)	100		76 - 132					11/22/14 13:49	1

Client Sample ID: SACA1121TB001

Lab Sample ID: 440-94032-30

Matrix: Water

Date Collected: 11/21/14 00:01
 Date Received: 11/21/14 21:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0		ug/L			11/22/14 02:29	1
1,1,1-Trichloroethane	ND		2.0		ug/L			11/22/14 02:29	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			11/22/14 02:29	1
1,1,2-Trichloroethane	ND		2.0		ug/L			11/22/14 02:29	1
1,1-Dichloroethane	ND		2.0		ug/L			11/22/14 02:29	1
1,1-Dichloroethene	ND		5.0		ug/L			11/22/14 02:29	1
1,1-Dichloropropene	ND		2.0		ug/L			11/22/14 02:29	1
1,2,3-Trichlorobenzene	ND		5.0		ug/L			11/22/14 02:29	1
1,2,3-Trichloropropane	ND		10		ug/L			11/22/14 02:29	1
1,2,4-Trichlorobenzene	ND		5.0		ug/L			11/22/14 02:29	1
1,2,4-Trimethylbenzene	ND		2.0		ug/L			11/22/14 02:29	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/L			11/22/14 02:29	1
1,2-Dibromoethane (EDB)	ND		2.0		ug/L			11/22/14 02:29	1
1,2-Dichlorobenzene	ND		2.0		ug/L			11/22/14 02:29	1
1,2-Dichloroethane	ND		2.0		ug/L			11/22/14 02:29	1
1,2-Dichloropropane	ND		2.0		ug/L			11/22/14 02:29	1
1,3,5-Trimethylbenzene	ND		2.0		ug/L			11/22/14 02:29	1
1,3-Dichlorobenzene	ND		2.0		ug/L			11/22/14 02:29	1
1,3-Dichloropropane	ND		2.0		ug/L			11/22/14 02:29	1
1,4-Dichlorobenzene	ND		2.0		ug/L			11/22/14 02:29	1
2,2-Dichloropropane	ND		2.0		ug/L			11/22/14 02:29	1
2-Chlorotoluene	ND		5.0		ug/L			11/22/14 02:29	1
4-Chlorotoluene	ND		5.0		ug/L			11/22/14 02:29	1
Benzene	ND		2.0		ug/L			11/22/14 02:29	1
Bromobenzene	ND		5.0		ug/L			11/22/14 02:29	1
Bromochloromethane	ND		5.0		ug/L			11/22/14 02:29	1
Bromodichloromethane	ND		2.0		ug/L			11/22/14 02:29	1
Bromoform	ND		5.0		ug/L			11/22/14 02:29	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121TB001

Lab Sample ID: 440-94032-30

Matrix: Water

Date Collected: 11/21/14 00:01

Date Received: 11/21/14 21:00

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		5.0		ug/L		11/22/14 02:29		1
Carbon tetrachloride	ND		5.0		ug/L		11/22/14 02:29		1
Chlorobenzene	ND		2.0		ug/L		11/22/14 02:29		1
Chloroethane	ND		5.0		ug/L		11/22/14 02:29		1
Chloroform	ND		2.0		ug/L		11/22/14 02:29		1
Chloromethane	ND		5.0		ug/L		11/22/14 02:29		1
cis-1,2-Dichloroethene	ND		2.0		ug/L		11/22/14 02:29		1
cis-1,3-Dichloropropene	ND		2.0		ug/L		11/22/14 02:29		1
Dibromochloromethane	ND		2.0		ug/L		11/22/14 02:29		1
Dibromomethane	ND		2.0		ug/L		11/22/14 02:29		1
Dichlorodifluoromethane	ND		5.0		ug/L		11/22/14 02:29		1
Ethylbenzene	ND		2.0		ug/L		11/22/14 02:29		1
Hexachlorobutadiene	ND		5.0		ug/L		11/22/14 02:29		1
Isopropylbenzene	ND		2.0		ug/L		11/22/14 02:29		1
m,p-Xylene	ND		2.0		ug/L		11/22/14 02:29		1
Methylene Chloride	ND		5.0		ug/L		11/22/14 02:29		1
Methyl-t-Butyl Ether (MTBE)	ND		1.0		ug/L		11/22/14 02:29		1
Naphthalene	ND		5.0		ug/L		11/22/14 02:29		1
n-Butylbenzene	ND		5.0		ug/L		11/22/14 02:29		1
N-Propylbenzene	ND		2.0		ug/L		11/22/14 02:29		1
o-Xylene	ND		2.0		ug/L		11/22/14 02:29		1
sec-Butylbenzene	ND		5.0		ug/L		11/22/14 02:29		1
Styrene	ND		2.0		ug/L		11/22/14 02:29		1
Tert-amyl-methyl ether (TAME)	ND		5.0		ug/L		11/22/14 02:29		1
tert-Butylbenzene	ND		5.0		ug/L		11/22/14 02:29		1
Tetrachloroethene	ND		2.0		ug/L		11/22/14 02:29		1
Toluene	ND		2.0		ug/L		11/22/14 02:29		1
trans-1,2-Dichloroethene	ND		2.0		ug/L		11/22/14 02:29		1
trans-1,3-Dichloropropene	ND		2.0		ug/L		11/22/14 02:29		1
Trichloroethene	ND		2.0		ug/L		11/22/14 02:29		1
Trichlorofluoromethane	ND		5.0		ug/L		11/22/14 02:29		1
Vinyl chloride	ND		5.0		ug/L		11/22/14 02:29		1
Xylenes, Total	ND		2.0		ug/L		11/22/14 02:29		1
Isopropyl Ether (DIPE)	ND		5.0		ug/L		11/22/14 02:29		1
Ethyl-t-butyl ether (ETBE)	ND		5.0		ug/L		11/22/14 02:29		1
tert-Butyl alcohol (TBA)	ND		10		ug/L		11/22/14 02:29		1
p-Isopropyltoluene	ND		2.0		ug/L		11/22/14 02:29		1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	102		80 - 128				11/22/14 02:29		1
4-Bromofluorobenzene (Surr)	97		80 - 120				11/22/14 02:29		1
Dibromofluoromethane (Surr)	114		76 - 132				11/22/14 02:29		1

TestAmerica Irvine

Method Summary

Client: Center for Toxicology & Env Health LLC
Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL IRV
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL IRV
8015B	Gasoline Range Organics - (GC)	SW846	TAL IRV
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL IRV
6010B	Metals (ICP)	SW846	TAL IRV
7471A	Mercury (CVAA)	SW846	TAL IRV
Moisture	Percent Moisture	EPA	TAL IRV

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Lab Chronicle

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS020

Lab Sample ID: 440-94032-1

Date Collected: 11/21/14 13:50

Matrix: Solid

Date Received: 11/21/14 21:00

Percent Solids: 95.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5.03 g	10 mL	220295	11/21/14 22:46	MP	TAL IRV
Total/NA	Prep	3546			15.10 g	1 mL	220326	11/21/14 21:53	AP	TAL IRV
Total/NA	Analysis	8270C		1	15.10 g	1 mL	220337	11/22/14 04:17	VS	TAL IRV
Total/NA	Prep	3546			15.10 g	1 mL	220326	11/21/14 21:53	AP	TAL IRV
Total/NA	Analysis	8270C		1	15.10 g	1 mL	220411	11/22/14 19:57	VS	TAL IRV
Total/NA	Analysis	8015B		1	5.28 g	10 mL	220208	11/21/14 22:33	AK	TAL IRV
Total/NA	Prep	3546			15.28 g	1 mL	220325	11/21/14 21:51	VA	TAL IRV
Total/NA	Analysis	8015B		1	15.28 g	1 mL	220186	11/22/14 03:22	JM	TAL IRV
Total/NA	Prep	3050B			1.98 g	50 mL	220327	11/21/14 21:58	CH	TAL IRV
Total/NA	Analysis	6010B		5	1.98 g	50 mL	220403	11/22/14 11:14	DP	TAL IRV
Total/NA	Prep	7471A			0.51 g	50 mL	220329	11/21/14 22:02	DB	TAL IRV
Total/NA	Analysis	7471A		1	0.51 g	50 mL	220355	11/22/14 07:03	DB	TAL IRV
Total/NA	Analysis	Moisture			1		225347	12/17/14 16:13	NTN	TAL IRV

Client Sample ID: SACA1121SS019

Lab Sample ID: 440-94032-2

Date Collected: 11/21/14 14:30

Matrix: Solid

Date Received: 11/21/14 21:00

Percent Solids: 93.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	4.96 g	10 mL	220295	11/21/14 23:15	MP	TAL IRV
Total/NA	Prep	3546			15.15 g	1 mL	220326	11/21/14 21:53	AP	TAL IRV
Total/NA	Analysis	8270C		1	15.15 g	1 mL	220337	11/22/14 04:38	VS	TAL IRV
Total/NA	Prep	3546			15.15 g	1 mL	220326	11/21/14 21:53	AP	TAL IRV
Total/NA	Analysis	8270C		1	15.15 g	1 mL	220411	11/22/14 20:18	VS	TAL IRV
Total/NA	Analysis	8015B		1	5.09 g	10 mL	220208	11/21/14 23:01	AK	TAL IRV
Total/NA	Prep	3546			15.06 g	1 mL	220325	11/21/14 21:51	VA	TAL IRV
Total/NA	Analysis	8015B		1	15.06 g	1 mL	220186	11/22/14 04:01	JM	TAL IRV
Total/NA	Prep	3050B			2.00 g	50 mL	220327	11/21/14 21:58	CH	TAL IRV
Total/NA	Analysis	6010B		5	2.00 g	50 mL	220403	11/22/14 11:16	DP	TAL IRV
Total/NA	Prep	7471A			0.51 g	50 mL	220329	11/21/14 22:02	DB	TAL IRV
Total/NA	Analysis	7471A		1	0.51 g	50 mL	220355	11/22/14 07:05	DB	TAL IRV
Total/NA	Analysis	Moisture			1		225347	12/17/14 16:13	NTN	TAL IRV

Client Sample ID: SACA1121SS018

Lab Sample ID: 440-94032-3

Date Collected: 11/21/14 15:00

Matrix: Solid

Date Received: 11/21/14 21:00

Percent Solids: 82.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5.14 g	10 mL	220295	11/21/14 23:43	MP	TAL IRV
Total/NA	Prep	3546			15.10 g	1 mL	220326	11/21/14 21:53	AP	TAL IRV
Total/NA	Analysis	8270C		1	15.10 g	1 mL	220337	11/22/14 04:59	VS	TAL IRV
Total/NA	Analysis	8015B		1	5.01 g	10 mL	220208	11/21/14 23:29	AK	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS018

Lab Sample ID: 440-94032-3

Date Collected: 11/21/14 15:00

Matrix: Solid

Date Received: 11/21/14 21:00

Percent Solids: 82.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.33 g	1 mL	220325	11/21/14 21:51	VA	TAL IRV
Total/NA	Analysis	8015B		1	15.33 g	1 mL	220186	11/22/14 04:21	JM	TAL IRV
Total/NA	Prep	3050B			2.01 g	50 mL	220327	11/21/14 21:58	CH	TAL IRV
Total/NA	Analysis	6010B		5	2.01 g	50 mL	220403	11/22/14 11:18	DP	TAL IRV
Total/NA	Prep	7471A			0.5 g	50 mL	220329	11/21/14 22:02	DB	TAL IRV
Total/NA	Analysis	7471A		1	0.5 g	50 mL	220355	11/22/14 07:08	DB	TAL IRV
Total/NA	Analysis	Moisture			1		225347	12/17/14 16:13	NTN	TAL IRV

Client Sample ID: SACA1121SS017

Lab Sample ID: 440-94032-4

Date Collected: 11/21/14 15:20

Matrix: Solid

Date Received: 11/21/14 21:00

Percent Solids: 96.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5.05 g	10 mL	220361	11/22/14 10:28	TN	TAL IRV
Total/NA	Prep	3546			15.11 g	1 mL	220326	11/21/14 21:53	AP	TAL IRV
Total/NA	Analysis	8270C		1	15.11 g	1 mL	220337	11/22/14 05:20	VS	TAL IRV
Total/NA	Analysis	8015B		1	5.2 g	10 mL	220208	11/21/14 23:57	AK	TAL IRV
Total/NA	Prep	3546			15.26 g	1 mL	220325	11/21/14 21:51	VA	TAL IRV
Total/NA	Analysis	8015B		1	15.26 g	1 mL	220186	11/22/14 06:40	JM	TAL IRV
Total/NA	Prep	3050B			2.01 g	50 mL	220327	11/21/14 21:58	CH	TAL IRV
Total/NA	Analysis	6010B		5	2.01 g	50 mL	220403	11/22/14 11:20	DP	TAL IRV
Total/NA	Prep	7471A			0.5 g	50 mL	220329	11/21/14 22:02	DB	TAL IRV
Total/NA	Analysis	7471A		1	0.5 g	50 mL	220355	11/22/14 07:10	DB	TAL IRV
Total/NA	Analysis	Moisture			1		225347	12/17/14 16:13	NTN	TAL IRV

Client Sample ID: SACA1121SS016

Lab Sample ID: 440-94032-5

Date Collected: 11/21/14 15:40

Matrix: Solid

Date Received: 11/21/14 21:00

Percent Solids: 92.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5.02 g	10 mL	220290	11/21/14 23:04	LB	TAL IRV
Total/NA	Prep	3546			15.16 g	1 mL	220326	11/21/14 21:53	AP	TAL IRV
Total/NA	Analysis	8270C		1	15.16 g	1 mL	220337	11/22/14 03:14	VS	TAL IRV
Total/NA	Analysis	8015B		1	5.33 g	10 mL	220208	11/22/14 00:25	AK	TAL IRV
Total/NA	Prep	3546			15.33 g	1 mL	220325	11/21/14 21:51	VA	TAL IRV
Total/NA	Analysis	8015B		1	15.33 g	1 mL	220186	11/22/14 08:45	JM	TAL IRV
Total/NA	Prep	3050B			2.02 g	50 mL	220327	11/21/14 21:58	CH	TAL IRV
Total/NA	Analysis	6010B		5	2.02 g	50 mL	220403	11/22/14 11:08	DP	TAL IRV
Total/NA	Prep	7471A			0.5 g	50 mL	220329	11/21/14 22:02	DB	TAL IRV
Total/NA	Analysis	7471A		1	0.5 g	50 mL	220355	11/22/14 06:55	DB	TAL IRV
Total/NA	Analysis	Moisture			1		225347	12/17/14 16:13	NTN	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS001

Date Collected: 11/21/14 13:33

Date Received: 11/21/14 21:00

Lab Sample ID: 440-94032-10

Matrix: Solid

Percent Solids: 95.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5.24 g	10 mL	220295	11/22/14 00:40	MP	TAL IRV
Total/NA	Prep	3546			15.11 g	1 mL	220326	11/21/14 21:53	AP	TAL IRV
Total/NA	Analysis	8270C		1	15.11 g	1 mL	220337	11/22/14 05:41	VS	TAL IRV
Total/NA	Analysis	8015B		1	5.19 g	10 mL	220208	11/22/14 01:48	AK	TAL IRV
Total/NA	Prep	3546			15.36 g	1 mL	220325	11/21/14 21:51	VA	TAL IRV
Total/NA	Analysis	8015B		1	15.36 g	1 mL	220186	11/22/14 07:20	JM	TAL IRV
Total/NA	Prep	3050B			2.01 g	50 mL	220327	11/21/14 21:58	CH	TAL IRV
Total/NA	Analysis	6010B		5	2.01 g	50 mL	220403	11/22/14 11:21	DP	TAL IRV
Total/NA	Prep	7471A			0.51 g	50 mL	220329	11/21/14 22:02	DB	TAL IRV
Total/NA	Analysis	7471A		1	0.51 g	50 mL	220355	11/22/14 07:18	DB	TAL IRV
Total/NA	Analysis	Moisture					225347	12/17/14 16:13	NTN	TAL IRV

Client Sample ID: SACA1121SS012

Date Collected: 11/21/14 14:27

Date Received: 11/21/14 21:00

Lab Sample ID: 440-94032-11

Matrix: Solid

Percent Solids: 95.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	4.93 g	10 mL	220295	11/22/14 01:09	MP	TAL IRV
Total/NA	Prep	3546			15.18 g	1 mL	220326	11/21/14 21:53	AP	TAL IRV
Total/NA	Analysis	8270C		1	15.18 g	1 mL	220337	11/22/14 06:02	VS	TAL IRV
Total/NA	Analysis	8015B		1	5.11 g	10 mL	220208	11/22/14 02:16	AK	TAL IRV
Total/NA	Prep	3546			15.04 g	1 mL	220325	11/21/14 21:51	VA	TAL IRV
Total/NA	Analysis	8015B		1	15.04 g	1 mL	220186	11/22/14 06:01	JM	TAL IRV
Total/NA	Prep	3050B			1.99 g	50 mL	220327	11/21/14 21:58	CH	TAL IRV
Total/NA	Analysis	6010B		5	1.99 g	50 mL	220403	11/22/14 11:29	DP	TAL IRV
Total/NA	Prep	7471A			0.5 g	50 mL	220329	11/21/14 22:02	DB	TAL IRV
Total/NA	Analysis	7471A		1	0.5 g	50 mL	220355	11/22/14 07:20	DB	TAL IRV
Total/NA	Analysis	Moisture					225347	12/17/14 16:13	NTN	TAL IRV

Client Sample ID: SACA1121SS011

Date Collected: 11/21/14 14:51

Date Received: 11/21/14 21:00

Lab Sample ID: 440-94032-12

Matrix: Solid

Percent Solids: 94.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5.03 g	10 mL	220361	11/22/14 10:59	TN	TAL IRV
Total/NA	Prep	3546			15.18 g	1 mL	220326	11/21/14 21:53	AP	TAL IRV
Total/NA	Analysis	8270C		1	15.18 g	1 mL	220337	11/22/14 11:16	VS	TAL IRV
Total/NA	Analysis	8015B		1	5.12 g	10 mL	220208	11/22/14 10:38	AK	TAL IRV
Total/NA	Prep	3546			15.02 g	1 mL	220325	11/21/14 21:51	VA	TAL IRV
Total/NA	Analysis	8015B		1	15.02 g	1 mL	220187	11/22/14 09:05	JM	TAL IRV
Total/NA	Prep	3050B			2.00 g	50 mL	220327	11/21/14 21:58	CH	TAL IRV
Total/NA	Analysis	6010B		5	2.00 g	50 mL	220403	11/22/14 11:31	DP	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS011

Date Collected: 11/21/14 14:51

Date Received: 11/21/14 21:00

Lab Sample ID: 440-94032-12

Matrix: Solid

Percent Solids: 94.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			0.51 g	50 mL	220329	11/21/14 22:02	DB	TAL IRV
Total/NA	Analysis	7471A		1	0.51 g	50 mL	220355	11/22/14 07:23	DB	TAL IRV
Total/NA	Analysis	Moisture			1		225347	12/17/14 16:13	NTN	TAL IRV

Client Sample ID: SACA1121DD011

Date Collected: 11/21/14 14:53

Date Received: 11/21/14 21:00

Lab Sample ID: 440-94032-13

Matrix: Solid

Percent Solids: 94.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 g	10 mL	220295	11/22/14 02:06	MP	TAL IRV
Total/NA	Prep	3546			15.18 g	1 mL	220326	11/21/14 21:53	AP	TAL IRV
Total/NA	Analysis	8270C		2	15.18 g	1 mL	220337	11/22/14 06:23	VS	TAL IRV
Total/NA	Analysis	8015B		1	5.01 g	10 mL	220208	11/22/14 11:06	AK	TAL IRV
Total/NA	Prep	3546			15.30 g	1 mL	220325	11/21/14 21:51	VA	TAL IRV
Total/NA	Analysis	8015B		1	15.30 g	1 mL	220187	11/22/14 08:45	JM	TAL IRV
Total/NA	Prep	3050B			2.00 g	50 mL	220327	11/21/14 21:58	CH	TAL IRV
Total/NA	Analysis	6010B		5	2.00 g	50 mL	220403	11/22/14 11:33	DP	TAL IRV
Total/NA	Prep	7471A			0.51 g	50 mL	220329	11/21/14 22:02	DB	TAL IRV
Total/NA	Analysis	7471A		1	0.51 g	50 mL	220355	11/22/14 07:25	DB	TAL IRV
Total/NA	Analysis	Moisture			1		225347	12/17/14 16:13	NTN	TAL IRV

Client Sample ID: SACA1121SS013

Date Collected: 11/21/14 15:27

Date Received: 11/21/14 21:00

Lab Sample ID: 440-94032-14

Matrix: Solid

Percent Solids: 95.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5.1 g	10 mL	220295	11/22/14 02:34	MP	TAL IRV
Total/NA	Prep	3546			15.10 g	1 mL	220326	11/21/14 21:53	AP	TAL IRV
Total/NA	Analysis	8270C		1	15.10 g	1 mL	220337	11/22/14 06:44	VS	TAL IRV
Total/NA	Prep	3546			15.10 g	1 mL	220326	11/21/14 21:53	AP	TAL IRV
Total/NA	Analysis	8270C		1	15.10 g	1 mL	220411	11/22/14 16:06	VS	TAL IRV
Total/NA	Analysis	8015B		1	5.02 g	10 mL	220208	11/22/14 04:35	AK	TAL IRV
Total/NA	Prep	3546			15.14 g	1 mL	220325	11/21/14 21:51	VA	TAL IRV
Total/NA	Analysis	8015B		1	15.14 g	1 mL	220186	11/22/14 06:20	JM	TAL IRV
Total/NA	Prep	3050B			1.98 g	50 mL	220327	11/21/14 21:58	CH	TAL IRV
Total/NA	Analysis	6010B		5	1.98 g	50 mL	220403	11/22/14 11:34	DP	TAL IRV
Total/NA	Prep	7471A			0.5 g	50 mL	220329	11/21/14 22:02	DB	TAL IRV
Total/NA	Analysis	7471A		1	0.5 g	50 mL	220355	11/22/14 07:28	DB	TAL IRV
Total/NA	Analysis	Moisture			1		225347	12/17/14 16:13	NTN	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS010

Lab Sample ID: 440-94032-15

Date Collected: 11/21/14 16:01

Matrix: Solid

Date Received: 11/21/14 21:00

Percent Solids: 90.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5.14 g	10 mL	220295	11/22/14 03:03	MP	TAL IRV
Total/NA	Prep	3546			15.13 g	1 mL	220326	11/21/14 21:53	AP	TAL IRV
Total/NA	Analysis	8270C		1	15.13 g	1 mL	220337	11/22/14 07:05	VS	TAL IRV
Total/NA	Analysis	8015B		1	5.14 g	10 mL	220208	11/22/14 05:03	AK	TAL IRV
Total/NA	Prep	3546			15.04 g	1 mL	220325	11/21/14 21:51	VA	TAL IRV
Total/NA	Analysis	8015B		1	15.04 g	1 mL	220187	11/22/14 07:00	JM	TAL IRV
Total/NA	Prep	3050B			2.02 g	50 mL	220327	11/21/14 21:58	CH	TAL IRV
Total/NA	Analysis	6010B		5	2.02 g	50 mL	220403	11/22/14 11:36	DP	TAL IRV
Total/NA	Prep	7471A			0.51 g	50 mL	220329	11/21/14 22:02	DB	TAL IRV
Total/NA	Analysis	7471A		1	0.51 g	50 mL	220355	11/22/14 07:30	DB	TAL IRV
Total/NA	Analysis	Moisture					225347	12/17/14 16:13	NTN	TAL IRV

Client Sample ID: SACA1121SS009

Lab Sample ID: 440-94032-16

Date Collected: 11/21/14 16:17

Matrix: Solid

Date Received: 11/21/14 21:00

Percent Solids: 93.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5.01 g	10 mL	220361	11/22/14 14:16	TN	TAL IRV
Total/NA	Prep	3546			15.10 g	1 mL	220326	11/21/14 21:53	AP	TAL IRV
Total/NA	Analysis	8270C		2	15.10 g	1 mL	220337	11/22/14 07:25	VS	TAL IRV
Total/NA	Analysis	8015B		1	5.2 g	10 mL	220208	11/22/14 11:34	AK	TAL IRV
Total/NA	Prep	3546			15.36 g	1 mL	220325	11/21/14 21:51	VA	TAL IRV
Total/NA	Analysis	8015B		1	15.36 g	1 mL	220187	11/22/14 07:40	JM	TAL IRV
Total/NA	Prep	3050B			2.01 g	50 mL	220327	11/21/14 21:58	CH	TAL IRV
Total/NA	Analysis	6010B		5	2.01 g	50 mL	220403	11/22/14 11:38	DP	TAL IRV
Total/NA	Prep	7471A			0.51 g	50 mL	220329	11/21/14 22:02	DB	TAL IRV
Total/NA	Analysis	7471A		1	0.51 g	50 mL	220355	11/22/14 07:33	DB	TAL IRV
Total/NA	Analysis	Moisture					225347	12/17/14 16:13	NTN	TAL IRV

Client Sample ID: SACA1121SS008

Lab Sample ID: 440-94032-17

Date Collected: 11/21/14 16:45

Matrix: Solid

Date Received: 11/21/14 21:00

Percent Solids: 96.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	4.97 g	10 mL	220290	11/22/14 00:35	LB	TAL IRV
Total/NA	Prep	3546			15.12 g	1 mL	220326	11/21/14 21:53	AP	TAL IRV
Total/NA	Analysis	8270C		1	15.12 g	1 mL	220337	11/22/14 07:47	VS	TAL IRV
Total/NA	Prep	3546			15.12 g	1 mL	220326	11/21/14 21:53	AP	TAL IRV
Total/NA	Analysis	8270C		1	15.12 g	1 mL	220411	11/22/14 19:36	VS	TAL IRV
Total/NA	Analysis	8015B		1	5.04 g	10 mL	220208	11/22/14 05:59	AK	TAL IRV
Total/NA	Prep	3546			15.21 g	1 mL	220325	11/21/14 21:51	VA	TAL IRV
Total/NA	Analysis	8015B		1	15.21 g	1 mL	220187	11/22/14 06:01	JM	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS008

Date Collected: 11/21/14 16:45

Date Received: 11/21/14 21:00

Lab Sample ID: 440-94032-17

Matrix: Solid

Percent Solids: 96.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	220327	11/21/14 21:58	CH	TAL IRV
Total/NA	Analysis	6010B		5	2.01 g	50 mL	220403	11/22/14 11:40	DP	TAL IRV
Total/NA	Prep	7471A			0.51 g	50 mL	220333	11/21/14 22:20	DB	TAL IRV
Total/NA	Analysis	7471A		1	0.51 g	50 mL	220344	11/22/14 02:27	DB	TAL IRV
Total/NA	Analysis	Moisture			1		225347	12/17/14 16:13	NTN	TAL IRV

Client Sample ID: SACA1121SS007

Date Collected: 11/21/14 14:14

Date Received: 11/21/14 21:00

Lab Sample ID: 440-94032-19

Matrix: Solid

Percent Solids: 96.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 g	10 mL	220290	11/22/14 01:05	LB	TAL IRV
Total/NA	Prep	3546			15.13 g	1 mL	220326	11/21/14 21:53	AP	TAL IRV
Total/NA	Analysis	8270C		1	15.13 g	1 mL	220337	11/22/14 08:08	VS	TAL IRV
Total/NA	Prep	3546			15.13 g	1 mL	220326	11/21/14 21:53	AP	TAL IRV
Total/NA	Analysis	8270C		1	15.13 g	1 mL	220411	11/22/14 18:12	VS	TAL IRV
Total/NA	Analysis	8015B		1	5.24 g	10 mL	220208	11/22/14 06:27	AK	TAL IRV
Total/NA	Prep	3546			15.04 g	1 mL	220325	11/21/14 21:51	VA	TAL IRV
Total/NA	Analysis	8015B		1	15.04 g	1 mL	220187	11/22/14 04:21	JM	TAL IRV
Total/NA	Prep	3050B			2.02 g	50 mL	220327	11/21/14 21:58	CH	TAL IRV
Total/NA	Analysis	6010B		5	2.02 g	50 mL	220403	11/22/14 11:42	DP	TAL IRV
Total/NA	Prep	7471A			0.5 g	50 mL	220333	11/21/14 22:20	DB	TAL IRV
Total/NA	Analysis	7471A		1	0.5 g	50 mL	220344	11/22/14 02:34	DB	TAL IRV
Total/NA	Analysis	Moisture			1		225347	12/17/14 16:13	NTN	TAL IRV

Client Sample ID: SACA1121SS006

Date Collected: 11/21/14 14:58

Date Received: 11/21/14 21:00

Lab Sample ID: 440-94032-20

Matrix: Solid

Percent Solids: 96.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	4.99 g	10 mL	220290	11/22/14 01:35	LB	TAL IRV
Total/NA	Prep	3546			15.18 g	1 mL	220326	11/21/14 21:53	AP	TAL IRV
Total/NA	Analysis	8270C		1	15.18 g	1 mL	220337	11/22/14 08:28	VS	TAL IRV
Total/NA	Prep	3546			15.18 g	1 mL	220326	11/21/14 21:53	AP	TAL IRV
Total/NA	Analysis	8270C		1	15.18 g	1 mL	220411	11/22/14 18:33	VS	TAL IRV
Total/NA	Analysis	8015B		1	5.35 g	10 mL	220208	11/22/14 06:55	AK	TAL IRV
Total/NA	Prep	3546			15.04 g	1 mL	220325	11/21/14 21:51	VA	TAL IRV
Total/NA	Analysis	8015B		1	15.04 g	1 mL	220186	11/22/14 05:41	JM	TAL IRV
Total/NA	Prep	3050B			1.99 g	50 mL	220327	11/21/14 21:58	CH	TAL IRV
Total/NA	Analysis	6010B		5	1.99 g	50 mL	220403	11/22/14 11:44	DP	TAL IRV
Total/NA	Prep	7471A			0.5 g	50 mL	220333	11/21/14 22:20	DB	TAL IRV
Total/NA	Analysis	7471A		1	0.5 g	50 mL	220344	11/22/14 02:36	DB	TAL IRV
Total/NA	Analysis	Moisture			1		225347	12/17/14 16:13	NTN	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS005

Lab Sample ID: 440-94032-21

Date Collected: 11/21/14 15:32

Matrix: Solid

Date Received: 11/21/14 21:00

Percent Solids: 96.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5.01 g	10 mL	220290	11/22/14 02:05	LB	TAL IRV
Total/NA	Prep	3546			15.17 g	1 mL	220326	11/21/14 21:53	AP	TAL IRV
Total/NA	Analysis	8270C		1	15.17 g	1 mL	220337	11/22/14 08:49	VS	TAL IRV
Total/NA	Prep	3546			15.17 g	1 mL	220326	11/21/14 21:53	AP	TAL IRV
Total/NA	Analysis	8270C		1	15.17 g	1 mL	220411	11/22/14 16:27	VS	TAL IRV
Total/NA	Analysis	8015B		1	5.16 g	10 mL	220208	11/22/14 07:23	AK	TAL IRV
Total/NA	Prep	3546			15.39 g	1 mL	220325	11/21/14 21:51	VA	TAL IRV
Total/NA	Analysis	8015B		1	15.39 g	1 mL	220187	11/22/14 04:01	JM	TAL IRV
Total/NA	Prep	3050B			1.99 g	50 mL	220327	11/21/14 21:58	CH	TAL IRV
Total/NA	Analysis	6010B		5	1.99 g	50 mL	220403	11/22/14 11:46	DP	TAL IRV
Total/NA	Prep	3050B			1.99 g	50 mL	220327	11/21/14 21:58	CH	TAL IRV
Total/NA	Analysis	6010B		5	1.99 g	50 mL	225764	12/19/14 09:28	DP	TAL IRV
Total/NA	Prep	7471A			0.51 g	50 mL	220333	11/21/14 22:20	DB	TAL IRV
Total/NA	Analysis	7471A		1	0.51 g	50 mL	220344	11/22/14 02:39	DB	TAL IRV
Total/NA	Analysis	Moisture		1			225347	12/17/14 16:13	NTN	TAL IRV

Client Sample ID: SACA1121SS004

Lab Sample ID: 440-94032-22

Date Collected: 11/21/14 16:02

Matrix: Solid

Date Received: 11/21/14 21:00

Percent Solids: 96.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	4.99 g	10 mL	220290	11/22/14 02:35	LB	TAL IRV
Total/NA	Prep	3546			15.10 g	1 mL	220326	11/21/14 21:53	AP	TAL IRV
Total/NA	Analysis	8270C		1	15.10 g	1 mL	220337	11/22/14 09:10	VS	TAL IRV
Total/NA	Prep	3546			15.10 g	1 mL	220326	11/21/14 21:53	AP	TAL IRV
Total/NA	Analysis	8270C		1	15.10 g	1 mL	220411	11/22/14 19:15	VS	TAL IRV
Total/NA	Analysis	8015B		1	5.08 g	10 mL	220208	11/22/14 07:51	AK	TAL IRV
Total/NA	Prep	3546			15.39 g	1 mL	220325	11/21/14 21:51	VA	TAL IRV
Total/NA	Analysis	8015B		1	15.39 g	1 mL	220186	11/22/14 04:41	JM	TAL IRV
Total/NA	Prep	3050B			1.99 g	50 mL	220327	11/21/14 21:58	CH	TAL IRV
Total/NA	Analysis	6010B		5	1.99 g	50 mL	220403	11/22/14 11:53	DP	TAL IRV
Total/NA	Prep	7471A			0.51 g	50 mL	220333	11/21/14 22:20	DB	TAL IRV
Total/NA	Analysis	7471A		1	0.51 g	50 mL	220344	11/22/14 02:49	DB	TAL IRV
Total/NA	Analysis	Moisture		1			225347	12/17/14 16:13	NTN	TAL IRV

Client Sample ID: SACA1121DD001

Lab Sample ID: 440-94032-23

Date Collected: 11/21/14 16:04

Matrix: Solid

Date Received: 11/21/14 21:00

Percent Solids: 96.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	4.97 g	10 mL	220290	11/22/14 03:05	LB	TAL IRV
Total/NA	Prep	3546			15.11 g	1 mL	220326	11/21/14 21:53	AP	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121DD001

Date Collected: 11/21/14 16:04

Date Received: 11/21/14 21:00

Lab Sample ID: 440-94032-23

Matrix: Solid

Percent Solids: 96.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8270C		1	15.11 g	1 mL	220337	11/22/14 09:31	VS	TAL IRV
Total/NA	Prep	3546			15.11 g	1 mL	220326	11/21/14 21:53	AP	TAL IRV
Total/NA	Analysis	8270C		1	15.11 g	1 mL	220411	11/22/14 18:54	VS	TAL IRV
Total/NA	Analysis	8015B		1	5.19 g	10 mL	220208	11/22/14 08:19	AK	TAL IRV
Total/NA	Prep	3546			15.10 g	1 mL	220325	11/21/14 21:51	VA	TAL IRV
Total/NA	Analysis	8015B		1	15.10 g	1 mL	220186	11/22/14 05:01	JM	TAL IRV
Total/NA	Prep	3050B			2.01 g	50 mL	220327	11/21/14 21:58	CH	TAL IRV
Total/NA	Analysis	6010B		5	2.01 g	50 mL	220403	11/22/14 11:55	DP	TAL IRV
Total/NA	Prep	3050B			2.01 g	50 mL	220327	11/21/14 21:58	CH	TAL IRV
Total/NA	Analysis	6010B		5	2.01 g	50 mL	225764	12/19/14 09:30	DP	TAL IRV
Total/NA	Prep	7471A			0.5 g	50 mL	220333	11/21/14 22:20	DB	TAL IRV
Total/NA	Analysis	7471A		1	0.5 g	50 mL	220344	11/22/14 02:52	DB	TAL IRV
Total/NA	Analysis	Moisture		1			225347	12/17/14 16:13	NTN	TAL IRV

Client Sample ID: SACA1121SS003

Date Collected: 11/21/14 16:42

Date Received: 11/21/14 21:00

Lab Sample ID: 440-94032-24

Matrix: Solid

Percent Solids: 97.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	4.99 g	10 mL	220290	11/22/14 03:35	LB	TAL IRV
Total/NA	Prep	3546			15.11 g	1 mL	220274	11/21/14 21:49	AP	TAL IRV
Total/NA	Analysis	8270C		1	15.11 g	1 mL	220337	11/22/14 09:52	VS	TAL IRV
Total/NA	Prep	3546			15.11 g	1 mL	220274	11/21/14 21:49	AP	TAL IRV
Total/NA	Analysis	8270C		1	15.11 g	1 mL	220411	11/22/14 16:48	VS	TAL IRV
Total/NA	Analysis	8015B		1	5.12 g	10 mL	220208	11/22/14 09:42	AK	TAL IRV
Total/NA	Prep	3546			15.12 g	1 mL	220266	11/21/14 21:49	AP	TAL IRV
Total/NA	Analysis	8015B		1	15.12 g	1 mL	220187	11/22/14 05:01	JM	TAL IRV
Total/NA	Prep	3050B			2.01 g	50 mL	220327	11/21/14 21:58	CH	TAL IRV
Total/NA	Analysis	6010B		5	2.01 g	50 mL	220403	11/22/14 11:57	DP	TAL IRV
Total/NA	Prep	7471A			0.5 g	50 mL	220333	11/21/14 22:20	DB	TAL IRV
Total/NA	Analysis	7471A		1	0.5 g	50 mL	220344	11/22/14 02:54	DB	TAL IRV
Total/NA	Analysis	Moisture		1			225347	12/17/14 16:13	NTN	TAL IRV

Client Sample ID: SACA1121SS002

Date Collected: 11/21/14 17:08

Date Received: 11/21/14 21:00

Lab Sample ID: 440-94032-25

Matrix: Solid

Percent Solids: 98.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	4.98 g	10 mL	220290	11/22/14 04:05	LB	TAL IRV
Total/NA	Prep	3546			15.13 g	1 mL	220274	11/21/14 21:49	AP	TAL IRV
Total/NA	Analysis	8270C		1	15.13 g	1 mL	220337	11/22/14 10:13	VS	TAL IRV
Total/NA	Prep	3546			15.13 g	1 mL	220274	11/21/14 21:49	AP	TAL IRV
Total/NA	Analysis	8270C		1	15.13 g	1 mL	220411	11/22/14 17:30	VS	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS002

Date Collected: 11/21/14 17:08

Date Received: 11/21/14 21:00

Lab Sample ID: 440-94032-25

Matrix: Solid

Percent Solids: 98.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015B		1	5.29 g	10 mL	220208	11/22/14 10:10	AK	TAL IRV
Total/NA	Prep	3546			15.03 g	1 mL	220266	11/21/14 21:49	AP	TAL IRV
Total/NA	Analysis	8015B		1	15.03 g	1 mL	220187	11/22/14 04:41	JM	TAL IRV
Total/NA	Prep	3050B			2.01 g	50 mL	220327	11/21/14 21:58	CH	TAL IRV
Total/NA	Analysis	6010B		5	2.01 g	50 mL	220403	11/22/14 11:59	DP	TAL IRV
Total/NA	Prep	7471A			0.5 g	50 mL	220333	11/21/14 22:20	DB	TAL IRV
Total/NA	Analysis	7471A		1	0.5 g	50 mL	220344	11/22/14 02:57	DB	TAL IRV
Total/NA	Analysis	Moisture		1			225347	12/17/14 16:13	NTN	TAL IRV

Client Sample ID: SACA1121SS014

Date Collected: 11/21/14 17:32

Date Received: 11/21/14 21:00

Lab Sample ID: 440-94032-26

Matrix: Solid

Percent Solids: 97.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	4.98 g	10 mL	220290	11/22/14 04:35	LB	TAL IRV
Total/NA	Prep	3546			15.13 g	1 mL	220274	11/21/14 21:49	AP	TAL IRV
Total/NA	Analysis	8270C		1	15.13 g	1 mL	220337	11/22/14 10:34	VS	TAL IRV
Total/NA	Prep	3546			15.13 g	1 mL	220274	11/21/14 21:49	AP	TAL IRV
Total/NA	Analysis	8270C		1	15.13 g	1 mL	220411	11/22/14 15:45	VS	TAL IRV
Total/NA	Analysis	8015B		1	5.29 g	10 mL	220276	11/22/14 04:23	AK	TAL IRV
Total/NA	Prep	3546			15.06 g	1 mL	220266	11/21/14 21:49	AP	TAL IRV
Total/NA	Analysis	8015B		1	15.06 g	1 mL	220186	11/22/14 09:05	JM	TAL IRV
Total/NA	Prep	3050B			1.99 g	50 mL	220331	11/21/14 22:11	CH	TAL IRV
Total/NA	Analysis	6010B		5	1.99 g	50 mL	220391	11/22/14 10:28	DP	TAL IRV
Total/NA	Prep	7471A			0.51 g	50 mL	220333	11/21/14 22:20	DB	TAL IRV
Total/NA	Analysis	7471A		1	0.51 g	50 mL	220344	11/22/14 02:59	DB	TAL IRV
Total/NA	Analysis	Moisture		1			225349	12/17/14 16:23	NTN	TAL IRV

Client Sample ID: SACA1121SS015

Date Collected: 11/21/14 16:00

Date Received: 11/21/14 21:00

Lab Sample ID: 440-94032-27

Matrix: Solid

Percent Solids: 95.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 g	10 mL	220295	11/22/14 04:00	MP	TAL IRV
Total/NA	Prep	3546			15.13 g	1 mL	220274	11/21/14 21:49	AP	TAL IRV
Total/NA	Analysis	8270C		1	15.13 g	1 mL	220337	11/22/14 10:55	VS	TAL IRV
Total/NA	Prep	3546			15.13 g	1 mL	220274	11/21/14 21:49	AP	TAL IRV
Total/NA	Analysis	8270C		1	15.13 g	1 mL	220411	11/22/14 17:51	VS	TAL IRV
Total/NA	Analysis	8015B		1	5.01 g	10 mL	220276	11/22/14 05:51	AK	TAL IRV
Total/NA	Prep	3546			15.38 g	1 mL	220266	11/21/14 21:49	AP	TAL IRV
Total/NA	Analysis	8015B		1	15.38 g	1 mL	220187	11/22/14 06:40	JM	TAL IRV
Total/NA	Prep	3050B			1.99 g	50 mL	220331	11/21/14 22:13	CH	TAL IRV
Total/NA	Analysis	6010B		5	1.99 g	50 mL	220391	11/22/14 10:30	DP	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Client Sample ID: SACA1121SS015

Date Collected: 11/21/14 16:00

Date Received: 11/21/14 21:00

Lab Sample ID: 440-94032-27

Matrix: Solid

Percent Solids: 95.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			0.51 g	50 mL	220333	11/21/14 22:20	DB	TAL IRV
Total/NA	Analysis	7471A		1	0.51 g	50 mL	220344	11/22/14 03:02	DB	TAL IRV
Total/NA	Analysis	Moisture			1		225349	12/17/14 16:23	NTN	TAL IRV

Client Sample ID: SACA1121TB002

Date Collected: 11/21/14 00:01

Date Received: 11/21/14 21:00

Lab Sample ID: 440-94032-28

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	RA	1	10 mL	10 mL	220364	11/22/14 13:20	SS	TAL IRV
Total/NA	Analysis	8260B		1	10 mL	10 mL	220293	11/22/14 01:33	MP	TAL IRV

Client Sample ID: SACA1121TB003

Date Collected: 11/21/14 00:01

Date Received: 11/21/14 21:00

Lab Sample ID: 440-94032-29

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	RA	1	10 mL	10 mL	220364	11/22/14 13:49	SS	TAL IRV
Total/NA	Analysis	8260B		1	10 mL	10 mL	220293	11/22/14 02:01	MP	TAL IRV

Client Sample ID: SACA1121TB001

Date Collected: 11/21/14 00:01

Date Received: 11/21/14 21:00

Lab Sample ID: 440-94032-30

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	220293	11/22/14 02:29	MP	TAL IRV

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 440-220290/3

Matrix: Solid

Analysis Batch: 220290

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg			11/21/14 20:03	1
1,1,1-Trichloroethane	ND		2.0		ug/Kg			11/21/14 20:03	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg			11/21/14 20:03	1
1,1,2-Trichloroethane	ND		2.0		ug/Kg			11/21/14 20:03	1
1,1-Dichloroethane	ND		2.0		ug/Kg			11/21/14 20:03	1
1,1-Dichloroethene	ND		5.0		ug/Kg			11/21/14 20:03	1
1,1-Dichloropropene	ND		2.0		ug/Kg			11/21/14 20:03	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg			11/21/14 20:03	1
1,2,3-Trichloropropane	ND		10		ug/Kg			11/21/14 20:03	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg			11/21/14 20:03	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg			11/21/14 20:03	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/Kg			11/21/14 20:03	1
1,2-Dibromoethane (EDB)	ND		2.0		ug/Kg			11/21/14 20:03	1
1,2-Dichlorobenzene	ND		2.0		ug/Kg			11/21/14 20:03	1
1,2-Dichloroethane	ND		2.0		ug/Kg			11/21/14 20:03	1
1,2-Dichloropropane	ND		2.0		ug/Kg			11/21/14 20:03	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg			11/21/14 20:03	1
1,3-Dichlorobenzene	ND		2.0		ug/Kg			11/21/14 20:03	1
1,3-Dichloropropane	ND		2.0		ug/Kg			11/21/14 20:03	1
1,4-Dichlorobenzene	ND		2.0		ug/Kg			11/21/14 20:03	1
2,2-Dichloropropane	ND		2.0		ug/Kg			11/21/14 20:03	1
2-Chlorotoluene	ND		5.0		ug/Kg			11/21/14 20:03	1
4-Chlorotoluene	ND		5.0		ug/Kg			11/21/14 20:03	1
Benzene	ND		2.0		ug/Kg			11/21/14 20:03	1
Bromobenzene	ND		5.0		ug/Kg			11/21/14 20:03	1
Bromochloromethane	ND		5.0		ug/Kg			11/21/14 20:03	1
Bromodichloromethane	ND		2.0		ug/Kg			11/21/14 20:03	1
Bromoform	ND		5.0		ug/Kg			11/21/14 20:03	1
Bromomethane	ND		5.0		ug/Kg			11/21/14 20:03	1
Carbon tetrachloride	ND		5.0		ug/Kg			11/21/14 20:03	1
Chlorobenzene	ND		2.0		ug/Kg			11/21/14 20:03	1
Chloroethane	ND		5.0		ug/Kg			11/21/14 20:03	1
Chloroform	ND		2.0		ug/Kg			11/21/14 20:03	1
Chloromethane	ND		5.0		ug/Kg			11/21/14 20:03	1
cis-1,2-Dichloroethene	ND		2.0		ug/Kg			11/21/14 20:03	1
cis-1,3-Dichloropropene	ND		2.0		ug/Kg			11/21/14 20:03	1
Dibromochloromethane	ND		2.0		ug/Kg			11/21/14 20:03	1
Dibromomethane	ND		2.0		ug/Kg			11/21/14 20:03	1
Dichlorodifluoromethane	ND		5.0		ug/Kg			11/21/14 20:03	1
Ethylbenzene	ND		2.0		ug/Kg			11/21/14 20:03	1
Hexachlorobutadiene	ND		5.0		ug/Kg			11/21/14 20:03	1
Isopropylbenzene	ND		2.0		ug/Kg			11/21/14 20:03	1
m,p-Xylene	ND		4.0		ug/Kg			11/21/14 20:03	1
Methylene Chloride	ND		20		ug/Kg			11/21/14 20:03	1
Methyl-t-Butyl Ether (MTBE)	ND		5.0		ug/Kg			11/21/14 20:03	1
Naphthalene	ND		5.0		ug/Kg			11/21/14 20:03	1
n-Butylbenzene	ND		5.0		ug/Kg			11/21/14 20:03	1
N-Propylbenzene	ND		2.0		ug/Kg			11/21/14 20:03	1

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 440-220290/3

Matrix: Solid

Analysis Batch: 220290

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	ND	ND									
o-Xylene	ND	ND			2.0		ug/Kg			11/21/14 20:03	1
sec-Butylbenzene	ND	ND			5.0		ug/Kg			11/21/14 20:03	1
Styrene	ND	ND			2.0		ug/Kg			11/21/14 20:03	1
Tert-amyl-methyl ether (TAME)	ND	ND			5.0		ug/Kg			11/21/14 20:03	1
tert-Butylbenzene	ND	ND			5.0		ug/Kg			11/21/14 20:03	1
Tetrachloroethene	ND	ND			2.0		ug/Kg			11/21/14 20:03	1
Toluene	ND	ND			2.0		ug/Kg			11/21/14 20:03	1
trans-1,2-Dichloroethene	ND	ND			2.0		ug/Kg			11/21/14 20:03	1
trans-1,3-Dichloropropene	ND	ND			2.0		ug/Kg			11/21/14 20:03	1
Trichloroethene	ND	ND			2.0		ug/Kg			11/21/14 20:03	1
Trichlorofluoromethane	ND	ND			5.0		ug/Kg			11/21/14 20:03	1
Vinyl chloride	ND	ND			5.0		ug/Kg			11/21/14 20:03	1
Xylenes, Total	ND	ND			4.0		ug/Kg			11/21/14 20:03	1
Isopropyl Ether (DIPE)	ND	ND			5.0		ug/Kg			11/21/14 20:03	1
Ethyl-t-butyl ether (ETBE)	ND	ND			5.0		ug/Kg			11/21/14 20:03	1
tert-Butyl alcohol (TBA)	ND	ND			100		ug/Kg			11/21/14 20:03	1
p-Isopropyltoluene	ND	ND			2.0		ug/Kg			11/21/14 20:03	1

Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
	Toluene-d8 (Surrogate)	99			79 - 123			
4-Bromofluorobenzene (Surrogate)	91	91	79 - 120				11/21/14 20:03	1
Dibromofluoromethane (Surrogate)	104	104	60 - 120				11/21/14 20:03	1

Lab Sample ID: LCS 440-220290/4

Matrix: Solid

Analysis Batch: 220290

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MB	LCS	LCS	Unit	D	%Rec	Limits	%Rec.
		Result	Qualifier	Unit					
1,1,1,2-Tetrachloroethane	50.0	54.8		ug/Kg		110	70 - 130		
1,1,1-Trichloroethane	50.0	52.0		ug/Kg		104	65 - 135		
1,1,2,2-Tetrachloroethane	50.0	50.2		ug/Kg		100	55 - 140		
1,1,2-Trichloroethane	50.0	54.5		ug/Kg		109	65 - 135		
1,1-Dichloroethane	50.0	51.0		ug/Kg		102	70 - 130		
1,1-Dichloroethene	50.0	47.8		ug/Kg		96	70 - 125		
1,1-Dichloropropene	50.0	54.4		ug/Kg		109	70 - 130		
1,2,3-Trichlorobenzene	50.0	55.0		ug/Kg		110	60 - 130		
1,2,3-Trichloropropane	50.0	51.6		ug/Kg		103	60 - 135		
1,2,4-Trichlorobenzene	50.0	53.2		ug/Kg		106	70 - 135		
1,2,4-Trimethylbenzene	50.0	44.3		ug/Kg		89	70 - 125		
1,2-Dibromo-3-Chloropropane	50.0	52.1		ug/Kg		104	50 - 135		
1,2-Dibromoethane (EDB)	50.0	55.4		ug/Kg		111	70 - 130		
1,2-Dichlorobenzene	50.0	50.1		ug/Kg		100	75 - 120		
1,2-Dichloroethane	50.0	55.5		ug/Kg		111	60 - 140		
1,2-Dichloropropane	50.0	49.4		ug/Kg		99	70 - 130		
1,3,5-Trimethylbenzene	50.0	44.6		ug/Kg		89	70 - 125		
1,3-Dichlorobenzene	50.0	49.6		ug/Kg		99	75 - 125		
1,3-Dichloropropane	50.0	53.8		ug/Kg		108	70 - 125		
1,4-Dichlorobenzene	50.0	48.8		ug/Kg		98	75 - 120		

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 440-220290/4

Matrix: Solid

Analysis Batch: 220290

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike	LCS		Unit	D	%Rec	%Rec.
	Added	Result	Qualifier				
2,2-Dichloropropane	50.0	53.0		ug/Kg	106	60 - 145	
2-Chlorotoluene	50.0	46.5		ug/Kg	93	70 - 125	
4-Chlorotoluene	50.0	46.9		ug/Kg	94	75 - 125	
Benzene	50.0	47.6		ug/Kg	95	65 - 120	
Bromobenzene	50.0	53.0		ug/Kg	106	75 - 120	
Bromochloromethane	50.0	52.1		ug/Kg	104	70 - 135	
Bromodichloromethane	50.0	54.9		ug/Kg	110	70 - 135	
Bromoform	50.0	63.1		ug/Kg	126	55 - 135	
Bromomethane	50.0	53.3		ug/Kg	107	60 - 145	
Carbon tetrachloride	50.0	54.9		ug/Kg	110	65 - 140	
Chlorobenzene	50.0	49.3		ug/Kg	99	75 - 120	
Chloroethane	50.0	51.7		ug/Kg	103	60 - 140	
Chloroform	50.0	53.1		ug/Kg	106	70 - 130	
Chloromethane	50.0	48.6		ug/Kg	97	45 - 145	
cis-1,2-Dichloroethene	50.0	50.0		ug/Kg	100	70 - 125	
cis-1,3-Dichloropropene	50.0	52.8		ug/Kg	106	75 - 125	
Dibromochloromethane	50.0	58.4		ug/Kg	117	65 - 140	
Dibromomethane	50.0	53.1		ug/Kg	106	70 - 130	
Dichlorodifluoromethane	50.0	38.4		ug/Kg	77	35 - 160	
Ethylbenzene	50.0	47.6		ug/Kg	95	70 - 125	
Hexachlorobutadiene	50.0	58.9		ug/Kg	118	60 - 135	
Isopropylbenzene	50.0	48.2		ug/Kg	96	75 - 130	
m,p-Xylene	50.0	48.9		ug/Kg	98	70 - 125	
Methylene Chloride	50.0	50.2		ug/Kg	100	55 - 135	
Methyl-t-Butyl Ether (MTBE)	50.0	53.3		ug/Kg	107	60 - 140	
Naphthalene	50.0	47.3		ug/Kg	95	55 - 135	
n-Butylbenzene	50.0	45.8		ug/Kg	92	70 - 130	
N-Propylbenzene	50.0	44.4		ug/Kg	89	70 - 130	
o-Xylene	50.0	50.8		ug/Kg	102	70 - 125	
sec-Butylbenzene	50.0	44.2		ug/Kg	88	70 - 125	
Styrene	50.0	48.6		ug/Kg	97	75 - 130	
Tert-amyl-methyl ether (TAME)	50.0	44.6		ug/Kg	89	60 - 145	
tert-Butylbenzene	50.0	44.8		ug/Kg	90	70 - 125	
Tetrachloroethene	50.0	58.3		ug/Kg	117	70 - 125	
Toluene	50.0	47.1		ug/Kg	94	70 - 125	
trans-1,2-Dichloroethene	50.0	48.6		ug/Kg	97	70 - 125	
trans-1,3-Dichloropropene	50.0	61.3		ug/Kg	123	70 - 135	
Trichloroethene	50.0	51.9		ug/Kg	104	70 - 125	
Trichlorofluoromethane	50.0	51.9		ug/Kg	104	60 - 145	
Vinyl chloride	50.0	51.7		ug/Kg	103	55 - 135	
Isopropyl Ether (DIPE)	50.0	46.4		ug/Kg	93	60 - 140	
Ethyl-t-butyl ether (ETBE)	50.0	43.7		ug/Kg	87	60 - 140	
tert-Butyl alcohol (TBA)	500	557		ug/Kg	111	70 - 135	
p-Isopropyltoluene	50.0	44.7		ug/Kg	89	75 - 125	

Surrogate	LCS	LCS	%Recovery	Qualifier	Limits
Toluene-d8 (Surr)			98		79 - 123
4-Bromofluorobenzene (Surr)			92		79 - 120

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 440-220290/4

Matrix: Solid

Analysis Batch: 220290

Surrogate	LCS	LCS	
	%Recovery	Qualifier	Limits
Dibromofluoromethane (Surr)	103		60 - 120

Lab Sample ID: 440-94032-5 MS

Matrix: Solid

Analysis Batch: 220290

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier					
1,1,1,2-Tetrachloroethane	ND		54.2	61.5		ug/Kg	⊗	113	65 - 145	
1,1,1-Trichloroethane	ND		54.2	58.1		ug/Kg	⊗	107	65 - 145	
1,1,2,2-Tetrachloroethane	ND		54.2	66.2		ug/Kg	⊗	122	40 - 160	
1,1,2-Trichloroethane	ND		54.2	68.3		ug/Kg	⊗	126	65 - 140	
1,1-Dichloroethane	ND		54.2	56.5		ug/Kg	⊗	104	65 - 135	
1,1-Dichloroethene	ND		54.2	54.8		ug/Kg	⊗	101	65 - 135	
1,1-Dichloropropene	ND		54.2	60.8		ug/Kg	⊗	112	65 - 135	
1,2,3-Trichlorobenzene	ND		54.2	57.0		ug/Kg	⊗	105	45 - 145	
1,2,3-Trichloropropane	ND		54.2	71.0		ug/Kg	⊗	131	50 - 150	
1,2,4-Trichlorobenzene	ND		54.2	56.2		ug/Kg	⊗	104	50 - 140	
1,2,4-Trimethylbenzene	ND		54.2	47.7		ug/Kg	⊗	88	65 - 140	
1,2-Dibromo-3-Chloropropane	ND		54.2	74.9		ug/Kg	⊗	138	40 - 150	
1,2-Dibromoethane (EDB)	ND		54.2	71.5		ug/Kg	⊗	132	65 - 140	
1,2-Dichlorobenzene	ND		54.2	54.7		ug/Kg	⊗	101	70 - 130	
1,2-Dichloroethane	ND		54.2	69.4		ug/Kg	⊗	128	60 - 150	
1,2-Dichloropropene	ND		54.2	58.7		ug/Kg	⊗	108	65 - 130	
1,3,5-Trimethylbenzene	ND		54.2	47.9		ug/Kg	⊗	88	65 - 135	
1,3-Dichlorobenzene	ND		54.2	53.5		ug/Kg	⊗	99	70 - 130	
1,3-Dichloropropane	ND		54.2	65.7		ug/Kg	⊗	121	65 - 140	
1,4-Dichlorobenzene	ND		54.2	53.8		ug/Kg	⊗	99	70 - 130	
2,2-Dichloropropane	ND		54.2	59.1		ug/Kg	⊗	109	65 - 150	
2-Chlorotoluene	ND		54.2	49.5		ug/Kg	⊗	91	60 - 135	
4-Chlorotoluene	ND		54.2	49.9		ug/Kg	⊗	92	65 - 135	
Benzene	ND		54.2	53.6		ug/Kg	⊗	99	65 - 130	
Bromobenzene	ND		54.2	57.7		ug/Kg	⊗	106	65 - 140	
Bromoform	ND		54.2	60.7		ug/Kg	⊗	112	65 - 145	
Bromomethane	ND		54.2	64.6		ug/Kg	⊗	119	65 - 145	
Carbon tetrachloride	ND		54.2	81.4	F1	ug/Kg	⊗	150	50 - 145	
Chlorobenzene	ND		54.2	54.7		ug/Kg	⊗	101	70 - 130	
Chloroethane	ND		54.2	57.1		ug/Kg	⊗	105	60 - 150	
Chloroform	ND		54.2	58.1		ug/Kg	⊗	107	65 - 135	
Chloromethane	ND		54.2	53.1		ug/Kg	⊗	98	40 - 145	
cis-1,2-Dichloroethene	ND		54.2	56.6		ug/Kg	⊗	104	65 - 135	
cis-1,3-Dichloropropene	ND		54.2	61.4		ug/Kg	⊗	113	70 - 135	
Dibromochloromethane	ND		54.2	70.1		ug/Kg	⊗	129	60 - 145	
Dibromomethane	ND		54.2	66.2		ug/Kg	⊗	122	65 - 140	
Dichlorodifluoromethane	ND		54.2	41.6		ug/Kg	⊗	77	30 - 160	
Ethylbenzene	ND		54.2	52.1		ug/Kg	⊗	96	70 - 135	
Hexachlorobutadiene	ND		54.2	57.5		ug/Kg	⊗	106	50 - 145	

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-94032-5 MS

Matrix: Solid

Analysis Batch: 220290

Client Sample ID: SACA1121SS016

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				
Isopropylbenzene	ND		54.2	52.9		ug/Kg	⊗	98	70 - 145
m,p-Xylene	ND		54.2	53.7		ug/Kg	⊗	99	70 - 130
Methylene Chloride	ND		54.2	56.5		ug/Kg	⊗	104	55 - 145
Methyl-t-Butyl Ether (MTBE)	ND		54.2	69.0		ug/Kg	⊗	127	55 - 155
Naphthalene	ND		54.2	57.9		ug/Kg	⊗	107	40 - 150
n-Butylbenzene	ND		54.2	48.4		ug/Kg	⊗	89	55 - 145
N-Propylbenzene	ND		54.2	47.6		ug/Kg	⊗	88	65 - 140
o-Xylene	ND		54.2	55.0		ug/Kg	⊗	101	65 - 130
sec-Butylbenzene	ND		54.2	47.3		ug/Kg	⊗	87	60 - 135
Styrene	ND		54.2	53.8		ug/Kg	⊗	99	70 - 140
Tert-amyl-methyl ether (TAME)	ND		54.2	55.4		ug/Kg	⊗	102	60 - 150
tert-Butylbenzene	ND		54.2	47.9		ug/Kg	⊗	88	60 - 140
Tetrachloroethene	ND		54.2	63.7		ug/Kg	⊗	117	65 - 135
Toluene	ND		54.2	51.5		ug/Kg	⊗	95	70 - 130
trans-1,2-Dichloroethene	ND		54.2	54.8		ug/Kg	⊗	101	70 - 135
trans-1,3-Dichloropropene	ND		54.2	74.1		ug/Kg	⊗	137	60 - 145
Trichloroethene	ND		54.2	56.3		ug/Kg	⊗	104	65 - 140
Trichlorofluoromethane	ND		54.2	57.0		ug/Kg	⊗	105	55 - 155
Vinyl chloride	ND		54.2	50.8		ug/Kg	⊗	94	55 - 140
Isopropyl Ether (DIPE)	ND		54.2	53.1		ug/Kg	⊗	98	60 - 150
Ethyl-t-butyl ether (ETBE)	ND		54.2	52.9		ug/Kg	⊗	98	60 - 145
tert-Butyl alcohol (TBA)	ND		54.2	588		ug/Kg	⊗	108	65 - 145
p-Isopropyltoluene	ND		54.2	46.9		ug/Kg	⊗	87	60 - 140
Surrogate		MS	MS						
		%Recovery	Qualifier	Limits					
Toluene-d8 (Surr)	97			79 - 123					
4-Bromofluorobenzene (Surr)	90			79 - 120					
Dibromofluoromethane (Surr)	106			60 - 120					

Lab Sample ID: 440-94032-5 MSD

Matrix: Solid

Analysis Batch: 220290

Client Sample ID: SACA1121SS016

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				
1,1,1,2-Tetrachloroethane	ND		53.9	58.8		ug/Kg	⊗	109	65 - 145
1,1,1-Trichloroethane	ND		53.9	56.4		ug/Kg	⊗	105	65 - 145
1,1,2,2-Tetrachloroethane	ND		53.9	65.6		ug/Kg	⊗	122	40 - 160
1,1,2-Trichloroethane	ND		53.9	65.5		ug/Kg	⊗	122	65 - 140
1,1-Dichloroethane	ND		53.9	56.0		ug/Kg	⊗	104	65 - 135
1,1-Dichloroethene	ND		53.9	54.1		ug/Kg	⊗	100	65 - 135
1,1-Dichloropropene	ND		53.9	62.2		ug/Kg	⊗	116	65 - 135
1,2,3-Trichlorobenzene	ND		53.9	54.0		ug/Kg	⊗	100	45 - 145
1,2,3-Trichloropropane	ND		53.9	71.0		ug/Kg	⊗	132	50 - 150
1,2,4-Trichlorobenzene	ND		53.9	54.1		ug/Kg	⊗	100	50 - 140
1,2,4-Trimethylbenzene	ND		53.9	49.4		ug/Kg	⊗	92	65 - 140
1,2-Dibromo-3-Chloropropane	ND		53.9	73.7		ug/Kg	⊗	137	40 - 150
1,2-Dibromoethane (EDB)	ND		53.9	68.0		ug/Kg	⊗	126	65 - 140
1,2-Dichlorobenzene	ND		53.9	56.4		ug/Kg	⊗	105	70 - 130

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-94032-5 MSD

Matrix: Solid

Analysis Batch: 220290

Client Sample ID: SACA1121SS016

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier						
1,2-Dichloroethane	ND		53.9	67.8		ug/Kg	⊗	126	60 - 150	2	25
1,2-Dichloropropane	ND		53.9	60.3		ug/Kg	⊗	112	65 - 130	3	20
1,3,5-Trimethylbenzene	ND		53.9	49.3		ug/Kg	⊗	92	65 - 135	3	25
1,3-Dichlorobenzene	ND		53.9	54.7		ug/Kg	⊗	102	70 - 130	2	25
1,3-Dichloropropane	ND		53.9	63.0		ug/Kg	⊗	117	65 - 140	4	25
1,4-Dichlorobenzene	ND		53.9	54.4		ug/Kg	⊗	101	70 - 130	1	25
2,2-Dichloropropane	ND		53.9	56.1		ug/Kg	⊗	104	65 - 150	5	25
2-Chlorotoluene	ND		53.9	50.7		ug/Kg	⊗	94	60 - 135	2	25
4-Chlorotoluene	ND		53.9	51.7		ug/Kg	⊗	96	65 - 135	4	25
Benzene	ND		53.9	54.0		ug/Kg	⊗	100	65 - 130	1	20
Bromobenzene	ND		53.9	59.4		ug/Kg	⊗	110	65 - 140	3	25
Bromochloromethane	ND		53.9	61.1		ug/Kg	⊗	113	65 - 145	1	25
Bromodichloromethane	ND		53.9	62.9		ug/Kg	⊗	117	65 - 145	3	20
Bromoform	ND		53.9	78.4	F1	ug/Kg	⊗	146	50 - 145	4	30
Bromomethane	ND		53.9	58.3		ug/Kg	⊗	108	60 - 155	1	25
Carbon tetrachloride	ND		53.9	60.1		ug/Kg	⊗	112	60 - 145	1	25
Chlorobenzene	ND		53.9	53.3		ug/Kg	⊗	99	70 - 130	3	25
Chloroethane	ND		53.9	56.9		ug/Kg	⊗	106	60 - 150	0	25
Chloroform	ND		53.9	58.3		ug/Kg	⊗	108	65 - 135	0	20
Chloromethane	ND		53.9	53.7		ug/Kg	⊗	100	40 - 145	1	25
cis-1,2-Dichloroethene	ND		53.9	58.1		ug/Kg	⊗	108	65 - 135	3	25
cis-1,3-Dichloropropene	ND		53.9	60.2		ug/Kg	⊗	112	70 - 135	2	25
Dibromochloromethane	ND		53.9	68.5		ug/Kg	⊗	127	60 - 145	2	25
Dibromomethane	ND		53.9	68.3		ug/Kg	⊗	127	65 - 140	3	25
Dichlorodifluoromethane	ND		53.9	41.6		ug/Kg	⊗	77	30 - 160	0	35
Ethylbenzene	ND		53.9	51.1		ug/Kg	⊗	95	70 - 135	2	25
Hexachlorobutadiene	ND		53.9	56.5		ug/Kg	⊗	105	50 - 145	2	35
Isopropylbenzene	ND		53.9	51.4		ug/Kg	⊗	95	70 - 145	3	25
m,p-Xylene	ND		53.9	52.4		ug/Kg	⊗	97	70 - 130	2	25
Methylene Chloride	ND		53.9	58.0		ug/Kg	⊗	108	55 - 145	3	25
Methyl-t-Butyl Ether (MTBE)	ND		53.9	68.6		ug/Kg	⊗	127	55 - 155	1	35
Naphthalene	ND		53.9	56.1		ug/Kg	⊗	104	40 - 150	3	40
n-Butylbenzene	ND		53.9	49.4		ug/Kg	⊗	92	55 - 145	2	30
N-Propylbenzene	ND		53.9	48.9		ug/Kg	⊗	91	65 - 140	3	25
o-Xylene	ND		53.9	53.7		ug/Kg	⊗	100	65 - 130	2	25
sec-Butylbenzene	ND		53.9	48.2		ug/Kg	⊗	90	60 - 135	2	25
Styrene	ND		53.9	53.3		ug/Kg	⊗	99	70 - 140	1	25
Tert-amyl-methyl ether (TAME)	ND		53.9	55.4		ug/Kg	⊗	103	60 - 150	0	25
tert-Butylbenzene	ND		53.9	49.3		ug/Kg	⊗	91	60 - 140	3	25
Tetrachloroethene	ND		53.9	61.7		ug/Kg	⊗	115	65 - 135	3	25
Toluene	ND		53.9	50.7		ug/Kg	⊗	94	70 - 130	2	20
trans-1,2-Dichloroethene	ND		53.9	54.7		ug/Kg	⊗	101	70 - 135	0	25
trans-1,3-Dichloropropene	ND		53.9	71.6		ug/Kg	⊗	133	60 - 145	3	25
Trichloroethene	ND		53.9	58.1		ug/Kg	⊗	108	65 - 140	3	25
Trichlorofluoromethane	ND		53.9	56.9		ug/Kg	⊗	106	55 - 155	0	25
Vinyl chloride	ND		53.9	52.1		ug/Kg	⊗	97	55 - 140	2	30
Isopropyl Ether (DIPE)	ND		53.9	53.4		ug/Kg	⊗	99	60 - 150	1	25
Ethyl-t-butyl ether (ETBE)	ND		53.9	52.9		ug/Kg	⊗	98	60 - 145	0	30

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-94032-5 MSD

Matrix: Solid

Analysis Batch: 220290

Client Sample ID: SACA1121SS016

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec.	Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
tert-Butyl alcohol (TBA)	ND		539	599		ug/Kg	⊗	111	65 - 145	2	30
p-Isopropyltoluene	ND		53.9	48.1		ug/Kg	⊗	89	60 - 140	2	25
Surrogate											
Toluene-d8 (Surr)	95			79 - 123							
4-Bromofluorobenzene (Surr)	94			79 - 120							
Dibromofluoromethane (Surr)	106			60 - 120							

Lab Sample ID: MB 440-220293/4

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 220293

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1,2-Tetrachloroethane	ND		5.0		ug/L			11/21/14 20:14	1
1,1,1-Trichloroethane	ND		2.0		ug/L			11/21/14 20:14	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			11/21/14 20:14	1
1,1,2-Trichloroethane	ND		2.0		ug/L			11/21/14 20:14	1
1,1-Dichloroethane	ND		2.0		ug/L			11/21/14 20:14	1
1,1-Dichloroethene	ND		5.0		ug/L			11/21/14 20:14	1
1,1-Dichloropropene	ND		2.0		ug/L			11/21/14 20:14	1
1,2,3-Trichlorobenzene	ND		5.0		ug/L			11/21/14 20:14	1
1,2,3-Trichloropropane	ND		10		ug/L			11/21/14 20:14	1
1,2,4-Trichlorobenzene	ND		5.0		ug/L			11/21/14 20:14	1
1,2,4-Trimethylbenzene	ND		2.0		ug/L			11/21/14 20:14	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/L			11/21/14 20:14	1
1,2-Dibromoethane (EDB)	ND		2.0		ug/L			11/21/14 20:14	1
1,2-Dichlorobenzene	ND		2.0		ug/L			11/21/14 20:14	1
1,2-Dichloroethane	ND		2.0		ug/L			11/21/14 20:14	1
1,2-Dichloropropene	ND		2.0		ug/L			11/21/14 20:14	1
1,3,5-Trimethylbenzene	ND		2.0		ug/L			11/21/14 20:14	1
1,3-Dichlorobenzene	ND		2.0		ug/L			11/21/14 20:14	1
1,3-Dichloropropane	ND		2.0		ug/L			11/21/14 20:14	1
1,4-Dichlorobenzene	ND		2.0		ug/L			11/21/14 20:14	1
2,2-Dichloropropane	ND		2.0		ug/L			11/21/14 20:14	1
2-Chlorotoluene	ND		5.0		ug/L			11/21/14 20:14	1
4-Chlorotoluene	ND		5.0		ug/L			11/21/14 20:14	1
Benzene	ND		2.0		ug/L			11/21/14 20:14	1
Bromobenzene	ND		5.0		ug/L			11/21/14 20:14	1
Bromochloromethane	ND		5.0		ug/L			11/21/14 20:14	1
Bromodichloromethane	ND		2.0		ug/L			11/21/14 20:14	1
Bromoform	ND		5.0		ug/L			11/21/14 20:14	1
Bromomethane	ND		5.0		ug/L			11/21/14 20:14	1
Carbon tetrachloride	ND		5.0		ug/L			11/21/14 20:14	1
Chlorobenzene	ND		2.0		ug/L			11/21/14 20:14	1
Chloroethane	ND		5.0		ug/L			11/21/14 20:14	1
Chloroform	ND		2.0		ug/L			11/21/14 20:14	1
Chloromethane	ND		5.0		ug/L			11/21/14 20:14	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			11/21/14 20:14	1

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 440-220293/4

Matrix: Water

Analysis Batch: 220293

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
cis-1,3-Dichloropropene	ND				2.0		ug/L			11/21/14 20:14	1
Dibromochloromethane	ND				2.0		ug/L			11/21/14 20:14	1
Dibromomethane	ND				2.0		ug/L			11/21/14 20:14	1
Dichlorodifluoromethane	ND				5.0		ug/L			11/21/14 20:14	1
Ethylbenzene	ND				2.0		ug/L			11/21/14 20:14	1
Hexachlorobutadiene	ND				5.0		ug/L			11/21/14 20:14	1
Isopropylbenzene	ND				2.0		ug/L			11/21/14 20:14	1
m,p-Xylene	ND				2.0		ug/L			11/21/14 20:14	1
Methylene Chloride	ND				5.0		ug/L			11/21/14 20:14	1
Methyl-t-Butyl Ether (MTBE)	ND				1.0		ug/L			11/21/14 20:14	1
Naphthalene	ND				5.0		ug/L			11/21/14 20:14	1
n-Butylbenzene	ND				5.0		ug/L			11/21/14 20:14	1
N-Propylbenzene	ND				2.0		ug/L			11/21/14 20:14	1
o-Xylene	ND				2.0		ug/L			11/21/14 20:14	1
sec-Butylbenzene	ND				5.0		ug/L			11/21/14 20:14	1
Styrene	ND				2.0		ug/L			11/21/14 20:14	1
Tert-amyl-methyl ether (TAME)	ND				5.0		ug/L			11/21/14 20:14	1
tert-Butylbenzene	ND				5.0		ug/L			11/21/14 20:14	1
Tetrachloroethene	ND				2.0		ug/L			11/21/14 20:14	1
Toluene	ND				2.0		ug/L			11/21/14 20:14	1
trans-1,2-Dichloroethene	ND				2.0		ug/L			11/21/14 20:14	1
trans-1,3-Dichloropropene	ND				2.0		ug/L			11/21/14 20:14	1
Trichloroethene	ND				2.0		ug/L			11/21/14 20:14	1
Trichlorofluoromethane	ND				5.0		ug/L			11/21/14 20:14	1
Vinyl chloride	ND				5.0		ug/L			11/21/14 20:14	1
Xylenes, Total	ND				2.0		ug/L			11/21/14 20:14	1
Isopropyl Ether (DIPE)	ND				5.0		ug/L			11/21/14 20:14	1
Ethyl-t-butyl ether (ETBE)	ND				5.0		ug/L			11/21/14 20:14	1
tert-Butyl alcohol (TBA)	ND				10		ug/L			11/21/14 20:14	1
p-Isopropyltoluene	ND				2.0		ug/L			11/21/14 20:14	1

Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Toluene-d8 (Surr)	103		80 - 128				11/21/14 20:14	1
4-Bromofluorobenzene (Surr)	95		80 - 120				11/21/14 20:14	1
Dibromofluoromethane (Surr)	113		76 - 132				11/21/14 20:14	1

Lab Sample ID: LCS 440-220293/5

Matrix: Water

Analysis Batch: 220293

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike	LCS			Unit	D	%Rec	Limits
	Added	Result	Qualifier	Unit				
1,1,1,2-Tetrachloroethane	25.0	27.0		ug/L		108	60 - 141	
1,1,1-Trichloroethane	25.0	27.3		ug/L		109	70 - 130	
1,1,2,2-Tetrachloroethane	25.0	23.0		ug/L		92	63 - 130	
1,1,2-Trichloroethane	25.0	23.5		ug/L		94	70 - 130	
1,1-Dichloroethane	25.0	24.3		ug/L		97	64 - 130	
1,1-Dichloroethene	25.0	25.4		ug/L		102	70 - 130	
1,1-Dichloropropene	25.0	26.3		ug/L		105	70 - 130	

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 440-220293/5

Matrix: Water

Analysis Batch: 220293

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike	LCS		Unit	D	%Rec	%Rec.
	Added	Result	Qualifier				
1,2,3-Trichlorobenzene	25.0	26.3		ug/L		105	60 - 140
1,2,3-Trichloropropane	25.0	22.6		ug/L		90	63 - 130
1,2,4-Trichlorobenzene	25.0	27.6		ug/L		111	60 - 140
1,2,4-Trimethylbenzene	25.0	23.8		ug/L		95	70 - 135
1,2-Dibromo-3-Chloropropane	25.0	24.1		ug/L		96	52 - 140
1,2-Dibromoethane (EDB)	25.0	25.0		ug/L		100	70 - 130
1,2-Dichlorobenzene	25.0	25.3		ug/L		101	70 - 130
1,2-Dichloroethane	25.0	27.0		ug/L		108	57 - 138
1,2-Dichloropropane	25.0	23.7		ug/L		95	67 - 130
1,3,5-Trimethylbenzene	25.0	24.1		ug/L		97	70 - 136
1,3-Dichlorobenzene	25.0	25.4		ug/L		102	70 - 130
1,3-Dichloropropane	25.0	23.4		ug/L		93	70 - 130
1,4-Dichlorobenzene	25.0	25.7		ug/L		103	70 - 130
2,2-Dichloropropane	25.0	26.9		ug/L		107	68 - 141
2-Chlorotoluene	25.0	23.2		ug/L		93	70 - 130
4-Chlorotoluene	25.0	23.1		ug/L		92	70 - 130
Benzene	25.0	23.7		ug/L		95	68 - 130
Bromobenzene	25.0	25.0		ug/L		100	70 - 130
Bromoform	25.0	27.7		ug/L		111	70 - 130
Bromochloromethane	25.0	26.9		ug/L		108	70 - 132
Bromoform	25.0	28.8		ug/L		115	60 - 148
Bromomethane	25.0	25.5		ug/L		102	64 - 139
Carbon tetrachloride	25.0	29.4		ug/L		118	60 - 150
Chlorobenzene	25.0	24.2		ug/L		97	70 - 130
Chloroethane	25.0	23.4		ug/L		94	64 - 135
Chloroform	25.0	26.2		ug/L		105	70 - 130
Chloromethane	25.0	19.6		ug/L		79	47 - 140
cis-1,2-Dichloroethene	25.0	25.8		ug/L		103	70 - 133
cis-1,3-Dichloropropene	25.0	24.1		ug/L		97	70 - 133
Dibromochloromethane	25.0	28.0		ug/L		112	69 - 145
Dibromomethane	25.0	26.2		ug/L		105	70 - 130
Dichlorodifluoromethane	25.0	22.9		ug/L		92	29 - 150
Ethylbenzene	25.0	23.5		ug/L		94	70 - 130
Hexachlorobutadiene	25.0	28.5		ug/L		114	10 - 150
Isopropylbenzene	25.0	24.3		ug/L		97	70 - 136
m,p-Xylene	25.0	24.0		ug/L		96	70 - 130
Methylene Chloride	25.0	24.2		ug/L		97	52 - 130
Methyl-t-Butyl Ether (MTBE)	25.0	24.5		ug/L		98	63 - 131
Naphthalene	25.0	24.4		ug/L		98	60 - 140
n-Butylbenzene	25.0	24.6		ug/L		98	65 - 150
N-Propylbenzene	25.0	23.1		ug/L		92	67 - 139
o-Xylene	25.0	23.7		ug/L		95	70 - 130
sec-Butylbenzene	25.0	24.3		ug/L		97	70 - 138
Styrene	25.0	23.5		ug/L		94	70 - 134
Tert-amyl-methyl ether (TAME)	25.0	22.6		ug/L		90	57 - 139
tert-Butylbenzene	25.0	24.6		ug/L		98	70 - 130
Tetrachloroethene	25.0	27.1		ug/L		108	70 - 130
Toluene	25.0	23.3		ug/L		93	70 - 130

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 440-220293/5

Matrix: Water

Analysis Batch: 220293

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS			Unit	D	%Rec	Limits	
		Result	Qualifier	LCS					
trans-1,2-Dichloroethene	25.0	26.4			ug/L		106	70 - 130	
trans-1,3-Dichloropropene	25.0	25.9			ug/L		104	70 - 132	
Trichloroethene	25.0	27.5			ug/L		110	70 - 130	
Trichlorofluoromethane	25.0	30.0			ug/L		120	60 - 150	
Vinyl chloride	25.0	23.2			ug/L		93	59 - 133	
Isopropyl Ether (DIPE)	25.0	19.6			ug/L		79	58 - 139	
Ethyl-t-butyl ether (ETBE)	25.0	21.0			ug/L		84	60 - 136	
tert-Butyl alcohol (TBA)	250	253			ug/L		101	70 - 130	
p-Isopropyltoluene	25.0	24.9			ug/L		99	70 - 132	

Surrogate	LCS		Limits
	%Recovery	Qualifier	
Toluene-d8 (Surr)	98		80 - 128
4-Bromofluorobenzene (Surr)	92		80 - 120
Dibromofluoromethane (Surr)	107		76 - 132

Lab Sample ID: 440-93520-A-1 MS

Matrix: Water

Analysis Batch: 220293

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS			Unit	D	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier	MS				
1,1,1,2-Tetrachloroethane	ND		25.0	27.9			ug/L		112	60 - 149
1,1,1-Trichloroethane	ND		25.0	28.1			ug/L		113	70 - 130
1,1,2,2-Tetrachloroethane	ND		25.0	24.1			ug/L		96	63 - 130
1,1,2-Trichloroethane	ND		25.0	24.5			ug/L		98	70 - 130
1,1-Dichloroethane	ND		25.0	25.5			ug/L		102	65 - 130
1,1-Dichloroethene	ND		25.0	26.7			ug/L		107	70 - 130
1,1-Dichloropropene	ND		25.0	28.7			ug/L		115	64 - 130
1,2,3-Trichlorobenzene	ND		25.0	27.0			ug/L		108	60 - 140
1,2,3-Trichloropropane	ND		25.0	22.9			ug/L		92	60 - 130
1,2,4-Trichlorobenzene	ND		25.0	27.9			ug/L		112	60 - 140
1,2,4-Trimethylbenzene	ND		25.0	24.3			ug/L		97	70 - 130
1,2-Dibromo-3-Chloropropane	ND		25.0	25.9			ug/L		104	48 - 140
1,2-Dibromoethane (EDB)	ND		25.0	26.4			ug/L		106	70 - 131
1,2-Dichlorobenzene	ND		25.0	26.0			ug/L		104	70 - 130
1,2-Dichloroethane	ND		25.0	27.5			ug/L		110	56 - 146
1,2-Dichloropropene	ND		25.0	24.4			ug/L		98	69 - 130
1,3,5-Trimethylbenzene	ND		25.0	24.8			ug/L		99	70 - 130
1,3-Dichlorobenzene	ND		25.0	25.8			ug/L		103	70 - 130
1,3-Dichloropropane	ND		25.0	25.0			ug/L		100	70 - 130
1,4-Dichlorobenzene	ND		25.0	26.2			ug/L		105	70 - 130
2,2-Dichloropropane	ND		25.0	28.3			ug/L		113	69 - 138
2-Chlorotoluene	ND		25.0	23.9			ug/L		96	70 - 130
4-Chlorotoluene	ND		25.0	24.2			ug/L		97	70 - 130
Benzene	ND		25.0	24.7			ug/L		99	66 - 130
Bromobenzene	ND		25.0	25.7			ug/L		103	70 - 130
Bromochloromethane	ND		25.0	29.0			ug/L		116	70 - 130
Bromodichloromethane	ND		25.0	27.6			ug/L		110	70 - 138
Bromoform	ND		25.0	29.7			ug/L		119	59 - 150

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-93520-A-1 MS

Matrix: Water

Analysis Batch: 220293

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Limits
	Result	Qualifier	Added	Result	Qualifier				
Bromomethane	ND		25.0	26.1		ug/L		104	62 - 131
Carbon tetrachloride	ND		25.0	30.3		ug/L		121	60 - 150
Chlorobenzene	ND		25.0	25.7		ug/L		103	70 - 130
Chloroethane	ND		25.0	24.1		ug/L		96	68 - 130
Chloroform	ND		25.0	27.3		ug/L		109	70 - 130
Chloromethane	ND		25.0	21.9		ug/L		88	39 - 144
cis-1,2-Dichloroethene	ND		25.0	27.1		ug/L		108	70 - 130
cis-1,3-Dichloropropene	ND		25.0	25.6		ug/L		102	70 - 133
Dibromochloromethane	ND		25.0	29.1		ug/L		116	70 - 148
Dibromomethane	ND		25.0	28.0		ug/L		112	70 - 130
Dichlorodifluoromethane	ND		25.0	23.5		ug/L		94	25 - 142
Ethylbenzene	ND		25.0	24.8		ug/L		99	70 - 130
Hexachlorobutadiene	ND		25.0	29.8		ug/L		119	10 - 150
Isopropylbenzene	ND		25.0	25.5		ug/L		102	70 - 132
m,p-Xylene	ND		25.0	25.1		ug/L		100	70 - 133
Methylene Chloride	ND		25.0	25.0		ug/L		100	52 - 130
Methyl-t-Butyl Ether (MTBE)	ND		25.0	25.8		ug/L		103	70 - 130
Naphthalene	ND		25.0	25.3		ug/L		101	60 - 140
n-Butylbenzene	ND		25.0	25.1		ug/L		100	61 - 149
N-Propylbenzene	ND		25.0	23.8		ug/L		95	66 - 135
o-Xylene	ND		25.0	25.0		ug/L		100	70 - 133
sec-Butylbenzene	ND		25.0	25.0		ug/L		100	67 - 134
Styrene	ND		25.0	24.9		ug/L		100	29 - 150
Tert-amyl-methyl ether (TAME)	ND		25.0	23.7		ug/L		95	68 - 133
tert-Butylbenzene	ND		25.0	25.0		ug/L		100	70 - 130
Tetrachloroethene	ND		25.0	29.0		ug/L		116	70 - 137
Toluene	ND		25.0	24.5		ug/L		98	70 - 130
trans-1,2-Dichloroethene	ND		25.0	28.0		ug/L		112	70 - 130
trans-1,3-Dichloropropene	ND		25.0	27.8		ug/L		111	70 - 138
Trichloroethene	ND		25.0	28.9		ug/L		115	70 - 130
Trichlorofluoromethane	ND		25.0	30.6		ug/L		123	60 - 150
Vinyl chloride	ND		25.0	26.0		ug/L		104	50 - 137
Isopropyl Ether (DIPE)	ND		25.0	20.3		ug/L		81	64 - 138
Ethyl-t-butyl ether (ETBE)	ND		25.0	22.4		ug/L		90	70 - 130
tert-Butyl alcohol (TBA)	ND		250	266		ug/L		106	70 - 130
p-Isopropyltoluene	ND		25.0	25.5		ug/L		102	70 - 130
Surrogate									
		MS	MS						
		%Recovery	Qualifier			Limits			
<i>Toluene-d8 (Surr)</i>		100		80 - 128					
<i>4-Bromofluorobenzene (Surr)</i>		92		80 - 120					
<i>Dibromofluoromethane (Surr)</i>		111		76 - 122					

Lab Sample ID: 440-93520-A-1 MSD

Matrix: Water

Analysis Batch: 220293

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Limits
	Result	Qualifier	Added	Result	Qualifier				
1,1,1,2-Tetrachloroethane	ND		25.0	27.8		ug/L		111	60 - 149

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-93520-A-1 MSD

Matrix: Water

Analysis Batch: 220293

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD		Unit	D	%Rec.		RPD	RPD
	Result	Qualifier	Added	Result	Qualifier			%Rec.	Limits		
1,1,1-Trichloroethane	ND		25.0	27.8		ug/L	111	70 - 130		1	20
1,1,2,2-Tetrachloroethane	ND		25.0	24.3		ug/L	97	63 - 130		1	30
1,1,2-Trichloroethane	ND		25.0	25.2		ug/L	101	70 - 130		3	25
1,1-Dichloroethane	ND		25.0	25.9		ug/L	104	65 - 130		2	20
1,1-Dichloroethene	ND		25.0	25.2		ug/L	101	70 - 130		6	20
1,1-Dichloropropene	ND		25.0	28.3		ug/L	113	64 - 130		1	20
1,2,3-Trichlorobenzene	ND		25.0	27.2		ug/L	109	60 - 140		1	20
1,2,3-Trichloropropane	ND		25.0	24.1		ug/L	97	60 - 130		5	30
1,2,4-Trichlorobenzene	ND		25.0	28.2		ug/L	113	60 - 140		1	20
1,2,4-Trimethylbenzene	ND		25.0	24.3		ug/L	97	70 - 130		0	25
1,2-Dibromo-3-Chloropropane	ND		25.0	27.1		ug/L	108	48 - 140		4	30
1,2-Dibromoethane (EDB)	ND		25.0	26.8		ug/L	107	70 - 131		2	25
1,2-Dichlorobenzene	ND		25.0	26.1		ug/L	105	70 - 130		1	20
1,2-Dichloroethane	ND		25.0	27.7		ug/L	111	56 - 146		1	20
1,2-Dichloropropane	ND		25.0	24.9		ug/L	100	69 - 130		2	20
1,3,5-Trimethylbenzene	ND		25.0	24.7		ug/L	99	70 - 130		0	20
1,3-Dichlorobenzene	ND		25.0	26.1		ug/L	105	70 - 130		1	20
1,3-Dichloropropane	ND		25.0	24.7		ug/L	99	70 - 130		1	25
1,4-Dichlorobenzene	ND		25.0	26.5		ug/L	106	70 - 130		1	20
2,2-Dichloropropane	ND		25.0	28.6		ug/L	114	69 - 138		1	25
2-Chlorotoluene	ND		25.0	24.1		ug/L	96	70 - 130		1	20
4-Chlorotoluene	ND		25.0	24.0		ug/L	96	70 - 130		1	20
Benzene	ND		25.0	24.9		ug/L	100	66 - 130		1	20
Bromobenzene	ND		25.0	25.9		ug/L	104	70 - 130		1	20
Bromochloromethane	ND		25.0	30.0		ug/L	120	70 - 130		3	25
Bromodichloromethane	ND		25.0	27.9		ug/L	111	70 - 138		1	20
Bromoform	ND		25.0	30.3		ug/L	121	59 - 150		2	25
Bromomethane	ND		25.0	26.4		ug/L	106	62 - 131		1	25
Carbon tetrachloride	ND		25.0	30.1		ug/L	121	60 - 150		0	25
Chlorobenzene	ND		25.0	25.5		ug/L	102	70 - 130		1	20
Chloroethane	ND		25.0	23.7		ug/L	95	68 - 130		2	25
Chloroform	ND		25.0	27.0		ug/L	108	70 - 130		1	20
Chloromethane	ND		25.0	21.9		ug/L	88	39 - 144		0	25
cis-1,2-Dichloroethene	ND		25.0	27.4		ug/L	109	70 - 130		1	20
cis-1,3-Dichloropropene	ND		25.0	25.2		ug/L	101	70 - 133		2	20
Dibromochloromethane	ND		25.0	29.3		ug/L	117	70 - 148		1	25
Dibromomethane	ND		25.0	27.7		ug/L	111	70 - 130		1	25
Dichlorodifluoromethane	ND		25.0	23.0		ug/L	92	25 - 142		2	30
Ethylbenzene	ND		25.0	24.1		ug/L	96	70 - 130		3	20
Hexachlorobutadiene	ND		25.0	29.0		ug/L	116	10 - 150		3	20
Isopropylbenzene	ND		25.0	25.1		ug/L	100	70 - 132		2	20
m,p-Xylene	ND		25.0	24.8		ug/L	99	70 - 133		1	25
Methylene Chloride	ND		25.0	26.9		ug/L	108	52 - 130		7	20
Methyl-t-Butyl Ether (MTBE)	ND		25.0	26.3		ug/L	105	70 - 130		2	25
Naphthalene	ND		25.0	25.8		ug/L	103	60 - 140		2	30
n-Butylbenzene	ND		25.0	24.8		ug/L	99	61 - 149		1	20
N-Propylbenzene	ND		25.0	23.9		ug/L	96	66 - 135		0	20
o-Xylene	ND		25.0	24.6		ug/L	99	70 - 133		1	20

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-93520-A-1 MSD

Matrix: Water

Analysis Batch: 220293

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
sec-Butylbenzene	ND		25.0	24.5		ug/L		98	67 - 134	2	20
Styrene	ND		25.0	23.7		ug/L		95	29 - 150	5	35
Tert-amyl-methyl ether (TAME)	ND		25.0	24.1		ug/L		96	68 - 133	2	30
tert-Butylbenzene	ND		25.0	25.1		ug/L		101	70 - 130	1	20
Tetrachloroethene	ND		25.0	28.3		ug/L		113	70 - 137	3	20
Toluene	ND		25.0	24.3		ug/L		97	70 - 130	1	20
trans-1,2-Dichloroethene	ND		25.0	28.1		ug/L		113	70 - 130	1	20
trans-1,3-Dichloropropene	ND		25.0	27.5		ug/L		110	70 - 138	1	25
Trichloroethene	ND		25.0	28.2		ug/L		113	70 - 130	2	20
Trichlorofluoromethane	ND		25.0	30.6		ug/L		122	60 - 150	0	25
Vinyl chloride	ND		25.0	25.8		ug/L		103	50 - 137	1	30
Isopropyl Ether (DIPE)	ND		25.0	20.7		ug/L		83	64 - 138	2	25
Ethyl-t-butyl ether (ETBE)	ND		25.0	22.3		ug/L		89	70 - 130	0	25
tert-Butyl alcohol (TBA)	ND		250	260		ug/L		104	70 - 130	2	25
p-Isopropyltoluene	ND		25.0	25.3		ug/L		101	70 - 130	1	20
Surrogate		MSD	MSD								
		%Recovery	Qualifier	Limits							
Toluene-d8 (Surr)		100		80 - 128							
4-Bromofluorobenzene (Surr)		96		80 - 120							
Dibromofluoromethane (Surr)		114		76 - 132							

Lab Sample ID: MB 440-220295/3

Matrix: Solid

Analysis Batch: 220295

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg			11/21/14 19:42	1
1,1,1-Trichloroethane	ND		2.0		ug/Kg			11/21/14 19:42	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg			11/21/14 19:42	1
1,1,2-Trichloroethane	ND		2.0		ug/Kg			11/21/14 19:42	1
1,1-Dichloroethane	ND		2.0		ug/Kg			11/21/14 19:42	1
1,1-Dichloroethene	ND		5.0		ug/Kg			11/21/14 19:42	1
1,1-Dichloropropene	ND		2.0		ug/Kg			11/21/14 19:42	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg			11/21/14 19:42	1
1,2,3-Trichloropropane	ND		10		ug/Kg			11/21/14 19:42	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg			11/21/14 19:42	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg			11/21/14 19:42	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/Kg			11/21/14 19:42	1
1,2-Dibromoethane (EDB)	ND		2.0		ug/Kg			11/21/14 19:42	1
1,2-Dichlorobenzene	ND		2.0		ug/Kg			11/21/14 19:42	1
1,2-Dichloroethane	ND		2.0		ug/Kg			11/21/14 19:42	1
1,2-Dichloropropane	ND		2.0		ug/Kg			11/21/14 19:42	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg			11/21/14 19:42	1
1,3-Dichlorobenzene	ND		2.0		ug/Kg			11/21/14 19:42	1
1,3-Dichloropropane	ND		2.0		ug/Kg			11/21/14 19:42	1
1,4-Dichlorobenzene	ND		2.0		ug/Kg			11/21/14 19:42	1
2,2-Dichloropropane	ND		2.0		ug/Kg			11/21/14 19:42	1
2-Chlorotoluene	ND		5.0		ug/Kg			11/21/14 19:42	1

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 440-220295/3

Matrix: Solid

Analysis Batch: 220295

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	ND	ND									
4-Chlorotoluene			ND		5.0		ug/Kg			11/21/14 19:42	1
Benzene			ND		2.0		ug/Kg			11/21/14 19:42	1
Bromobenzene			ND		5.0		ug/Kg			11/21/14 19:42	1
Bromoform			ND		5.0		ug/Kg			11/21/14 19:42	1
Bromomethane			ND		2.0		ug/Kg			11/21/14 19:42	1
Bromodichloromethane			ND								
Carbon tetrachloride			ND		5.0		ug/Kg			11/21/14 19:42	1
Chlorobenzene			ND		2.0		ug/Kg			11/21/14 19:42	1
Chloroethane			ND		5.0		ug/Kg			11/21/14 19:42	1
Chloroform			ND		2.0		ug/Kg			11/21/14 19:42	1
Chloromethane			ND		5.0		ug/Kg			11/21/14 19:42	1
cis-1,2-Dichloroethene			ND		2.0		ug/Kg			11/21/14 19:42	1
cis-1,3-Dichloropropene			ND		2.0		ug/Kg			11/21/14 19:42	1
Dibromochloromethane			ND		2.0		ug/Kg			11/21/14 19:42	1
Dibromomethane			ND		2.0		ug/Kg			11/21/14 19:42	1
Dichlorodifluoromethane			ND		5.0		ug/Kg			11/21/14 19:42	1
Ethylbenzene			ND		2.0		ug/Kg			11/21/14 19:42	1
Hexachlorobutadiene			ND		5.0		ug/Kg			11/21/14 19:42	1
Isopropylbenzene			ND		2.0		ug/Kg			11/21/14 19:42	1
m,p-Xylene			ND		4.0		ug/Kg			11/21/14 19:42	1
Methylene Chloride			ND		20		ug/Kg			11/21/14 19:42	1
Methyl-t-Butyl Ether (MTBE)			ND		5.0		ug/Kg			11/21/14 19:42	1
Naphthalene			ND		5.0		ug/Kg			11/21/14 19:42	1
n-Butylbenzene			ND		5.0		ug/Kg			11/21/14 19:42	1
N-Propylbenzene			ND		2.0		ug/Kg			11/21/14 19:42	1
o-Xylene			ND		2.0		ug/Kg			11/21/14 19:42	1
sec-Butylbenzene			ND		5.0		ug/Kg			11/21/14 19:42	1
Styrene			ND		2.0		ug/Kg			11/21/14 19:42	1
Tert-amyl-methyl ether (TAME)			ND		5.0		ug/Kg			11/21/14 19:42	1
tert-Butylbenzene			ND		5.0		ug/Kg			11/21/14 19:42	1
Tetrachloroethene			ND		2.0		ug/Kg			11/21/14 19:42	1
Toluene			ND		2.0		ug/Kg			11/21/14 19:42	1
trans-1,2-Dichloroethene			ND		2.0		ug/Kg			11/21/14 19:42	1
trans-1,3-Dichloropropene			ND		2.0		ug/Kg			11/21/14 19:42	1
Trichloroethene			ND		2.0		ug/Kg			11/21/14 19:42	1
Trichlorofluoromethane			ND		5.0		ug/Kg			11/21/14 19:42	1
Vinyl chloride			ND		5.0		ug/Kg			11/21/14 19:42	1
Xylenes, Total			ND		4.0		ug/Kg			11/21/14 19:42	1
Isopropyl Ether (DIPE)			ND		5.0		ug/Kg			11/21/14 19:42	1
Ethyl-t-butyl ether (ETBE)			ND		5.0		ug/Kg			11/21/14 19:42	1
tert-Butyl alcohol (TBA)			ND		100		ug/Kg			11/21/14 19:42	1
p-Isopropyltoluene			ND		2.0		ug/Kg			11/21/14 19:42	1

Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
	ND	ND						
Toluene-d8 (Surr)			102		79 - 123			1
4-Bromofluorobenzene (Surr)			99		79 - 120			1
Dibromofluoromethane (Surr)			92		60 - 120			1

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 440-220295/4

Matrix: Solid

Analysis Batch: 220295

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.	Limits
1,1,1,2-Tetrachloroethane	50.0	56.0		ug/Kg		112	70 - 130	
1,1,1-Trichloroethane	50.0	54.1		ug/Kg		108	65 - 135	
1,1,2,2-Tetrachloroethane	50.0	54.0		ug/Kg		108	55 - 140	
1,1,2-Trichloroethane	50.0	54.4		ug/Kg		109	65 - 135	
1,1-Dichloroethane	50.0	48.7		ug/Kg		97	70 - 130	
1,1-Dichloroethene	50.0	49.1		ug/Kg		98	70 - 125	
1,1-Dichloropropene	50.0	55.6		ug/Kg		111	70 - 130	
1,2,3-Trichlorobenzene	50.0	52.1		ug/Kg		104	60 - 130	
1,2,3-Trichloropropane	50.0	60.1		ug/Kg		120	60 - 135	
1,2,4-Trichlorobenzene	50.0	53.5		ug/Kg		107	70 - 135	
1,2,4-Trimethylbenzene	50.0	52.4		ug/Kg		105	70 - 125	
1,2-Dibromo-3-Chloropropane	50.0	60.7		ug/Kg		121	50 - 135	
1,2-Dibromoethane (EDB)	50.0	56.5		ug/Kg		113	70 - 130	
1,2-Dichlorobenzene	50.0	50.4		ug/Kg		101	75 - 120	
1,2-Dichloroethane	50.0	50.5		ug/Kg		101	60 - 140	
1,2-Dichloropropane	50.0	51.0		ug/Kg		102	70 - 130	
1,3,5-Trimethylbenzene	50.0	50.9		ug/Kg		102	70 - 125	
1,3-Dichlorobenzene	50.0	48.6		ug/Kg		97	75 - 125	
1,3-Dichloropropane	50.0	52.9		ug/Kg		106	70 - 125	
1,4-Dichlorobenzene	50.0	48.8		ug/Kg		98	75 - 120	
2,2-Dichloropropane	50.0	59.5		ug/Kg		119	60 - 145	
2-Chlorotoluene	50.0	52.3		ug/Kg		105	70 - 125	
4-Chlorotoluene	50.0	53.1		ug/Kg		106	75 - 125	
Benzene	50.0	48.5		ug/Kg		97	65 - 120	
Bromobenzene	50.0	53.2		ug/Kg		106	75 - 120	
Bromochloromethane	50.0	50.9		ug/Kg		102	70 - 135	
Bromodichloromethane	50.0	55.1		ug/Kg		110	70 - 135	
Bromoform	50.0	65.3		ug/Kg		131	55 - 135	
Bromomethane	50.0	46.4		ug/Kg		93	60 - 145	
Carbon tetrachloride	50.0	58.3		ug/Kg		117	65 - 140	
Chlorobenzene	50.0	48.6		ug/Kg		97	75 - 120	
Chloroethane	50.0	47.9		ug/Kg		96	60 - 140	
Chloroform	50.0	49.4		ug/Kg		99	70 - 130	
Chloromethane	50.0	45.5		ug/Kg		91	45 - 145	
cis-1,2-Dichloroethene	50.0	52.3		ug/Kg		105	70 - 125	
cis-1,3-Dichloropropene	50.0	59.6		ug/Kg		119	75 - 125	
Dibromochloromethane	50.0	61.8		ug/Kg		124	65 - 140	
Dibromomethane	50.0	50.9		ug/Kg		102	70 - 130	
Dichlorodifluoromethane	50.0	38.4		ug/Kg		77	35 - 160	
Ethylbenzene	50.0	52.8		ug/Kg		106	70 - 125	
Hexachlorobutadiene	50.0	53.0		ug/Kg		106	60 - 135	
Isopropylbenzene	50.0	49.1		ug/Kg		98	75 - 130	
m,p-Xylene	50.0	53.7		ug/Kg		107	70 - 125	
Methylene Chloride	50.0	48.5		ug/Kg		97	55 - 135	
Methyl-t-Butyl Ether (MTBE)	50.0	59.6		ug/Kg		119	60 - 140	
Naphthalene	50.0	57.1		ug/Kg		114	55 - 135	
n-Butylbenzene	50.0	49.6		ug/Kg		99	70 - 130	
N-Propylbenzene	50.0	54.7		ug/Kg		109	70 - 130	

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 440-220295/4

Matrix: Solid

Analysis Batch: 220295

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike		LCS		Unit	D	%Rec.		Limits
	Added	Result	Qualifier	%Rec					
o-Xylene	50.0	54.3		ug/Kg		109	70 - 125		
sec-Butylbenzene	50.0	54.7		ug/Kg		109	70 - 125		
Styrene	50.0	51.0		ug/Kg		102	75 - 130		
Tert-amyl-methyl ether (TAME)	50.0	58.1		ug/Kg		116	60 - 145		
tert-Butylbenzene	50.0	50.6		ug/Kg		101	70 - 125		
Tetrachloroethene	50.0	49.8		ug/Kg		100	70 - 125		
Toluene	50.0	51.8		ug/Kg		104	70 - 125		
trans-1,2-Dichloroethene	50.0	51.1		ug/Kg		102	70 - 125		
trans-1,3-Dichloropropene	50.0	65.0		ug/Kg		130	70 - 135		
Trichloroethene	50.0	49.4		ug/Kg		99	70 - 125		
Trichlorofluoromethane	50.0	47.4		ug/Kg		95	60 - 145		
Vinyl chloride	50.0	45.4		ug/Kg		91	55 - 135		
Isopropyl Ether (DIPE)	50.0	49.5		ug/Kg		99	60 - 140		
Ethyl-t-butyl ether (ETBE)	50.0	56.4		ug/Kg		113	60 - 140		
tert-Butyl alcohol (TBA)	500	557		ug/Kg		111	70 - 135		
p-Isopropyltoluene	50.0	52.6		ug/Kg		105	75 - 125		

Surrogate	LCS		Limits
	LCS	%Recovery	Qualifier
Toluene-d8 (Sur)	99		79 - 123
4-Bromofluorobenzene (Sur)	100		79 - 120
Dibromofluoromethane (Sur)	95		60 - 120

Lab Sample ID: 440-93694-A-15 MS

Matrix: Solid

Analysis Batch: 220295

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS		Unit	D	%Rec.		Limits
	Result	Qualifier	Added	Result	Qualifier			%Rec		
1,1,1,2-Tetrachloroethane	ND		48.8	55.6		ug/Kg		114	65 - 145	
1,1,1-Trichloroethane	ND		48.8	53.6		ug/Kg		110	65 - 145	
1,1,2,2-Tetrachloroethane	ND		48.8	54.6		ug/Kg		112	40 - 160	
1,1,2-Trichloroethane	ND		48.8	54.5		ug/Kg		112	65 - 140	
1,1-Dichloroethane	ND		48.8	47.7		ug/Kg		98	65 - 135	
1,1-Dichloroethene	ND		48.8	48.2		ug/Kg		99	65 - 135	
1,1-Dichloropropene	ND		48.8	55.4		ug/Kg		113	65 - 135	
1,2,3-Trichlorobenzene	ND		48.8	52.8		ug/Kg		108	45 - 145	
1,2,3-Trichloropropane	ND		48.8	60.5		ug/Kg		124	50 - 150	
1,2,4-Trichlorobenzene	ND		48.8	54.1		ug/Kg		111	50 - 140	
1,2,4-Trimethylbenzene	ND		48.8	51.8		ug/Kg		106	65 - 140	
1,2-Dibromo-3-Chloropropane	ND		48.8	60.7		ug/Kg		124	40 - 150	
1,2-Dibromoethane (EDB)	ND		48.8	56.2		ug/Kg		115	65 - 140	
1,2-Dichlorobenzene	ND		48.8	50.0		ug/Kg		102	70 - 130	
1,2-Dichloroethane	ND		48.8	51.8		ug/Kg		106	60 - 150	
1,2-Dichloropropene	ND		48.8	51.2		ug/Kg		105	65 - 130	
1,3,5-Trimethylbenzene	ND		48.8	49.8		ug/Kg		102	65 - 135	
1,3-Dichlorobenzene	ND		48.8	48.3		ug/Kg		99	70 - 130	
1,3-Dichloropropene	ND		48.8	52.4		ug/Kg		107	65 - 140	
1,4-Dichlorobenzene	ND		48.8	48.2		ug/Kg		99	70 - 130	
2,2-Dichloropropene	ND		48.8	58.6		ug/Kg		120	65 - 150	

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-93694-A-15 MS

Matrix: Solid

Analysis Batch: 220295

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	Limits	
	Result	Qualifier	Added	Result	Qualifier					
2-Chlorotoluene	ND		48.8	51.9		ug/Kg		106	60 - 135	
4-Chlorotoluene	ND		48.8	52.4		ug/Kg		107	65 - 135	
Benzene	ND		48.8	47.9		ug/Kg		98	65 - 130	
Bromobenzene	ND		48.8	53.4		ug/Kg		109	65 - 140	
Bromoform	ND		48.8	51.1		ug/Kg		105	65 - 145	
Bromochloromethane	ND		48.8	56.0		ug/Kg		115	65 - 145	
Bromodichloromethane	ND		48.8	65.4		ug/Kg		134	50 - 145	
Bromoform	ND		48.8	45.0		ug/Kg		92	60 - 155	
Bromomethane	ND		48.8	58.3		ug/Kg		119	60 - 145	
Carbon tetrachloride	ND		48.8	46.3		ug/Kg		95	70 - 130	
Chlorobenzene	ND		48.8	45.5		ug/Kg		93	60 - 150	
Chloroethane	ND		48.8	48.7		ug/Kg		100	65 - 135	
Chloroform	ND		48.8	42.3		ug/Kg		87	40 - 145	
Chloromethane	ND		48.8	51.8		ug/Kg		106	65 - 135	
cis-1,2-Dichloroethene	ND		48.8	57.0		ug/Kg		117	70 - 135	
cis-1,3-Dichloropropene	ND		48.8	61.1		ug/Kg		125	60 - 145	
Dibromochloromethane	ND		48.8	51.7		ug/Kg		106	65 - 140	
Dibromomethane	ND		48.8	37.0		ug/Kg		76	30 - 160	
Dichlorodifluoromethane	ND		48.8	51.2		ug/Kg		105	70 - 135	
Ethylbenzene	ND		48.8	53.1		ug/Kg		109	50 - 145	
Hexachlorobutadiene	ND		48.8	48.0		ug/Kg		98	70 - 145	
Isopropylbenzene	ND		48.8	53.1		ug/Kg		109	70 - 130	
m,p-Xylene	ND		48.8	47.7		ug/Kg		98	55 - 145	
Methylene Chloride	ND		48.8	89.1		ug/Kg		118	55 - 155	
Methyl-t-Butyl Ether (MTBE)	32		48.8							
Naphthalene	ND		48.8	58.1		ug/Kg		119	40 - 150	
n-Butylbenzene	ND		48.8	49.0		ug/Kg		100	55 - 145	
N-Propylbenzene	ND		48.8	55.0		ug/Kg		113	65 - 140	
o-Xylene	ND		48.8	52.5		ug/Kg		107	65 - 130	
sec-Butylbenzene	ND		48.8	54.3		ug/Kg		111	60 - 135	
Styrene	ND		48.8	50.4		ug/Kg		103	70 - 140	
Tert-amyl-methyl ether (TAME)	ND		48.8	55.6		ug/Kg		114	60 - 150	
tert-Butylbenzene	ND		48.8	50.1		ug/Kg		103	60 - 140	
Tetrachloroethene	ND		48.8	48.8		ug/Kg		100	65 - 135	
Toluene	ND		48.8	49.9		ug/Kg		102	70 - 130	
trans-1,2-Dichloroethene	ND		48.8	50.7		ug/Kg		104	70 - 135	
trans-1,3-Dichloropropene	ND		48.8	63.9		ug/Kg		131	60 - 145	
Trichloroethene	ND		48.8	48.5		ug/Kg		99	65 - 140	
Trichlorofluoromethane	ND		48.8	47.1		ug/Kg		96	55 - 155	
Vinyl chloride	ND		48.8	43.6		ug/Kg		89	55 - 140	
Isopropyl Ether (DIPE)	ND		48.8	49.0		ug/Kg		100	60 - 150	
Ethyl-t-butyl ether (ETBE)	ND		48.8	53.2		ug/Kg		109	60 - 145	
tert-Butyl alcohol (TBA)	ND		48.8	612		ug/Kg		109	65 - 145	
p-Isopropyltoluene	ND		48.8	52.1		ug/Kg		107	60 - 140	

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
Toluene-d8 (Surr)	98		79 - 123
4-Bromofluorobenzene (Surr)	100		79 - 120
Dibromofluoromethane (Surr)	97		60 - 120

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-93694-A-15 MSD

Matrix: Solid

Analysis Batch: 220295

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier							
1,1,1,2-Tetrachloroethane	ND		50.0	54.5		ug/Kg		109	65 - 145	2	20	
1,1,1-Trichloroethane	ND		50.0	53.0		ug/Kg		106	65 - 145	1	20	
1,1,2,2-Tetrachloroethane	ND		50.0	54.0		ug/Kg		108	40 - 160	1	30	
1,1,2-Trichloroethane	ND		50.0	54.8		ug/Kg		110	65 - 140	1	30	
1,1-Dichloroethane	ND		50.0	47.5		ug/Kg		95	65 - 135	0	25	
1,1-Dichloroethene	ND		50.0	46.8		ug/Kg		94	65 - 135	3	25	
1,1-Dichloropropene	ND		50.0	54.1		ug/Kg		108	65 - 135	2	20	
1,2,3-Trichlorobenzene	ND		50.0	53.5		ug/Kg		107	45 - 145	1	30	
1,2,3-Trichloropropane	ND		50.0	59.8		ug/Kg		120	50 - 150	1	30	
1,2,4-Trichlorobenzene	ND		50.0	55.6		ug/Kg		111	50 - 140	3	30	
1,2,4-Trimethylbenzene	ND		50.0	52.2		ug/Kg		104	65 - 140	1	25	
1,2-Dibromo-3-Chloropropane	ND		50.0	64.0		ug/Kg		128	40 - 150	5	30	
1,2-Dibromoethane (EDB)	ND		50.0	58.2		ug/Kg		116	65 - 140	3	25	
1,2-Dichlorobenzene	ND		50.0	50.5		ug/Kg		101	70 - 130	1	25	
1,2-Dichloroethane	ND		50.0	49.9		ug/Kg		100	60 - 150	4	25	
1,2-Dichloropropane	ND		50.0	49.8		ug/Kg		100	65 - 130	3	20	
1,3,5-Trimethylbenzene	ND		50.0	50.4		ug/Kg		101	65 - 135	1	25	
1,3-Dichlorobenzene	ND		50.0	48.5		ug/Kg		97	70 - 130	0	25	
1,3-Dichloropropane	ND		50.0	52.7		ug/Kg		105	65 - 140	1	25	
1,4-Dichlorobenzene	ND		50.0	48.8		ug/Kg		98	70 - 130	1	25	
2,2-Dichloropropane	ND		50.0	58.4		ug/Kg		117	65 - 150	0	25	
2-Chlorotoluene	ND		50.0	52.0		ug/Kg		104	60 - 135	0	25	
4-Chlorotoluene	ND		50.0	51.9		ug/Kg		104	65 - 135	1	25	
Benzene	ND		50.0	47.4		ug/Kg		95	65 - 130	1	20	
Bromobenzene	ND		50.0	52.7		ug/Kg		105	65 - 140	1	25	
Bromochloromethane	ND		50.0	50.7		ug/Kg		101	65 - 145	1	25	
Bromodichloromethane	ND		50.0	55.5		ug/Kg		111	65 - 145	1	20	
Bromoform	ND		50.0	66.8		ug/Kg		134	50 - 145	2	30	
Bromomethane	ND		50.0	44.7		ug/Kg		89	60 - 155	1	25	
Carbon tetrachloride	ND		50.0	57.7		ug/Kg		115	60 - 145	1	25	
Chlorobenzene	ND		50.0	47.8		ug/Kg		96	70 - 130	3	25	
Chloroethane	ND		50.0	45.3		ug/Kg		91	60 - 150	1	25	
Chloroform	ND		50.0	48.0		ug/Kg		96	65 - 135	1	20	
Chloromethane	ND		50.0	42.4		ug/Kg		85	40 - 145	0	25	
cis-1,2-Dichloroethene	ND		50.0	51.0		ug/Kg		102	65 - 135	1	25	
cis-1,3-Dichloropropene	ND		50.0	58.4		ug/Kg		117	70 - 135	2	25	
Dibromochloromethane	ND		50.0	62.2		ug/Kg		124	60 - 145	2	25	
Dibromomethane	ND		50.0	52.0		ug/Kg		104	65 - 140	1	25	
Dichlorodifluoromethane	ND		50.0	35.2		ug/Kg		70	30 - 160	5	35	
Ethylbenzene	ND		50.0	52.2		ug/Kg		104	70 - 135	2	25	
Hexachlorobutadiene	ND		50.0	54.2		ug/Kg		108	50 - 145	2	35	
Isopropylbenzene	ND		50.0	48.9		ug/Kg		98	70 - 145	2	25	
m,p-Xylene	ND		50.0	52.9		ug/Kg		106	70 - 130	0	25	
Methylene Chloride	ND		50.0	48.6		ug/Kg		97	55 - 145	2	25	
Methyl-t-Butyl Ether (MTBE)	32		50.0	95.2		ug/Kg		127	55 - 155	7	35	
Naphthalene	ND		50.0	58.7		ug/Kg		117	40 - 150	1	40	
n-Butylbenzene	ND		50.0	49.7		ug/Kg		99	55 - 145	2	30	
N-Propylbenzene	ND		50.0	54.6		ug/Kg		109	65 - 140	1	25	

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-93694-A-15 MSD

Matrix: Solid

Analysis Batch: 220295

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
o-Xylene	ND		50.0	53.5		ug/Kg		107	65 - 130	2	25
sec-Butylbenzene	ND		50.0	54.4		ug/Kg		109	60 - 135	0	25
Styrene	ND		50.0	51.0		ug/Kg		102	70 - 140	1	25
Tert-amyl-methyl ether (TAME)	ND		50.0	55.7		ug/Kg		111	60 - 150	0	25
tert-Butylbenzene	ND		50.0	50.2		ug/Kg		100	60 - 140	0	25
Tetrachloroethene	ND		50.0	49.2		ug/Kg		98	65 - 135	1	25
Toluene	ND		50.0	50.6		ug/Kg		101	70 - 130	1	20
trans-1,2-Dichloroethene	ND		50.0	50.0		ug/Kg		100	70 - 135	1	25
trans-1,3-Dichloropropene	ND		50.0	65.2		ug/Kg		130	60 - 145	2	25
Trichloroethene	ND		50.0	48.8		ug/Kg		98	65 - 140	1	25
Trichlorofluoromethane	ND		50.0	45.5		ug/Kg		91	55 - 155	3	25
Vinyl chloride	ND		50.0	42.7		ug/Kg		85	55 - 140	2	30
Isopropyl Ether (DIPE)	ND		50.0	49.0		ug/Kg		98	60 - 150	0	25
Ethyl-t-butyl ether (ETBE)	ND		50.0	53.7		ug/Kg		107	60 - 145	1	30
tert-Butyl alcohol (TBA)	ND		500	660		ug/Kg		116	65 - 145	8	30
p-Isopropyltoluene	ND		50.0	52.7		ug/Kg		105	60 - 140	1	25
Surrogate		MSD	MSD								
		%Recovery	Qualifier	Limits							
Toluene-d8 (Surr)		101		79 - 123							
4-Bromofluorobenzene (Surr)		100		79 - 120							
Dibromofluoromethane (Surr)		95		60 - 120							

Lab Sample ID: MB 440-220361/3

Matrix: Solid

Analysis Batch: 220361

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg			11/22/14 09:32	1
1,1,1-Trichloroethane	ND		2.0		ug/Kg			11/22/14 09:32	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg			11/22/14 09:32	1
1,1,2-Trichloroethane	ND		2.0		ug/Kg			11/22/14 09:32	1
1,1-Dichloroethane	ND		2.0		ug/Kg			11/22/14 09:32	1
1,1-Dichloroethene	ND		5.0		ug/Kg			11/22/14 09:32	1
1,1-Dichloropropene	ND		2.0		ug/Kg			11/22/14 09:32	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg			11/22/14 09:32	1
1,2,3-Trichloropropane	ND		10		ug/Kg			11/22/14 09:32	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg			11/22/14 09:32	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg			11/22/14 09:32	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/Kg			11/22/14 09:32	1
1,2-Dibromoethane (EDB)	ND		2.0		ug/Kg			11/22/14 09:32	1
1,2-Dichlorobenzene	ND		2.0		ug/Kg			11/22/14 09:32	1
1,2-Dichloroethane	ND		2.0		ug/Kg			11/22/14 09:32	1
1,2-Dichloropropane	ND		2.0		ug/Kg			11/22/14 09:32	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg			11/22/14 09:32	1
1,3-Dichlorobenzene	ND		2.0		ug/Kg			11/22/14 09:32	1
1,3-Dichloropropane	ND		2.0		ug/Kg			11/22/14 09:32	1
1,4-Dichlorobenzene	ND		2.0		ug/Kg			11/22/14 09:32	1
2,2-Dichloropropane	ND		2.0		ug/Kg			11/22/14 09:32	1

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 440-220361/3

Matrix: Solid

Analysis Batch: 220361

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	ND	ND									
2-Chlorotoluene	ND	ND			5.0		ug/Kg			11/22/14 09:32	1
4-Chlorotoluene	ND	ND			5.0		ug/Kg			11/22/14 09:32	1
Benzene	ND	ND			2.0		ug/Kg			11/22/14 09:32	1
Bromobenzene	ND	ND			5.0		ug/Kg			11/22/14 09:32	1
Bromoform	ND	ND			5.0		ug/Kg			11/22/14 09:32	1
Bromochloromethane	ND	ND			5.0		ug/Kg			11/22/14 09:32	1
Bromodichloromethane	ND	ND			2.0		ug/Kg			11/22/14 09:32	1
Bromoform	ND	ND			5.0		ug/Kg			11/22/14 09:32	1
Bromomethane	ND	ND			5.0		ug/Kg			11/22/14 09:32	1
Carbon tetrachloride	ND	ND			5.0		ug/Kg			11/22/14 09:32	1
Chlorobenzene	ND	ND			2.0		ug/Kg			11/22/14 09:32	1
Chloroethane	ND	ND			5.0		ug/Kg			11/22/14 09:32	1
Chloroform	ND	ND			2.0		ug/Kg			11/22/14 09:32	1
Chloromethane	ND	ND			5.0		ug/Kg			11/22/14 09:32	1
cis-1,2-Dichloroethene	ND	ND			2.0		ug/Kg			11/22/14 09:32	1
cis-1,3-Dichloropropene	ND	ND			2.0		ug/Kg			11/22/14 09:32	1
Dibromochloromethane	ND	ND			2.0		ug/Kg			11/22/14 09:32	1
Dibromomethane	ND	ND			2.0		ug/Kg			11/22/14 09:32	1
Dichlorodifluoromethane	ND	ND			5.0		ug/Kg			11/22/14 09:32	1
Ethylbenzene	ND	ND			2.0		ug/Kg			11/22/14 09:32	1
Hexachlorobutadiene	ND	ND			5.0		ug/Kg			11/22/14 09:32	1
Isopropylbenzene	ND	ND			2.0		ug/Kg			11/22/14 09:32	1
m,p-Xylene	ND	ND			4.0		ug/Kg			11/22/14 09:32	1
Methylene Chloride	ND	ND			20		ug/Kg			11/22/14 09:32	1
Methyl-t-Butyl Ether (MTBE)	ND	ND			5.0		ug/Kg			11/22/14 09:32	1
Naphthalene	ND	ND			5.0		ug/Kg			11/22/14 09:32	1
n-Butylbenzene	ND	ND			5.0		ug/Kg			11/22/14 09:32	1
N-Propylbenzene	ND	ND			2.0		ug/Kg			11/22/14 09:32	1
o-Xylene	ND	ND			2.0		ug/Kg			11/22/14 09:32	1
sec-Butylbenzene	ND	ND			5.0		ug/Kg			11/22/14 09:32	1
Styrene	ND	ND			2.0		ug/Kg			11/22/14 09:32	1
Tert-amyl-methyl ether (TAME)	ND	ND			5.0		ug/Kg			11/22/14 09:32	1
tert-Butylbenzene	ND	ND			5.0		ug/Kg			11/22/14 09:32	1
Tetrachloroethene	ND	ND			2.0		ug/Kg			11/22/14 09:32	1
Toluene	ND	ND			2.0		ug/Kg			11/22/14 09:32	1
trans-1,2-Dichloroethene	ND	ND			2.0		ug/Kg			11/22/14 09:32	1
trans-1,3-Dichloropropene	ND	ND			2.0		ug/Kg			11/22/14 09:32	1
Trichloroethene	ND	ND			2.0		ug/Kg			11/22/14 09:32	1
Trichlorofluoromethane	ND	ND			5.0		ug/Kg			11/22/14 09:32	1
Vinyl chloride	ND	ND			5.0		ug/Kg			11/22/14 09:32	1
Xylenes, Total	ND	ND			4.0		ug/Kg			11/22/14 09:32	1
Isopropyl Ether (DIPE)	ND	ND			5.0		ug/Kg			11/22/14 09:32	1
Ethyl-t-butyl ether (ETBE)	ND	ND			5.0		ug/Kg			11/22/14 09:32	1
tert-Butyl alcohol (TBA)	ND	ND			100		ug/Kg			11/22/14 09:32	1
p-Isopropyltoluene	ND	ND			2.0		ug/Kg			11/22/14 09:32	1

Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
	ND	ND						
Toluene-d8 (Surr)	101	ND	101		79 - 123		11/22/14 09:32	1
4-Bromofluorobenzene (Surr)	97	ND	97		79 - 120		11/22/14 09:32	1

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 440-220361/3

Matrix: Solid

Analysis Batch: 220361

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)			114		60 - 120		11/22/14 09:32	1

Lab Sample ID: LCS 440-220361/4

Matrix: Solid

Analysis Batch: 220361

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LC S	LC S	Unit	D	%Rec	Limits	%Rec.
		Result	Qualifier					
1,1,1,2-Tetrachloroethane	50.0	56.5		ug/Kg		113	70 - 130	
1,1,1-Trichloroethane	50.0	54.6		ug/Kg		109	65 - 135	
1,1,2,2-Tetrachloroethane	50.0	50.1		ug/Kg		100	55 - 140	
1,1,2-Trichloroethane	50.0	50.6		ug/Kg		101	65 - 135	
1,1-Dichloroethane	50.0	48.2		ug/Kg		96	70 - 130	
1,1-Dichloroethene	50.0	44.9		ug/Kg		90	70 - 125	
1,1-Dichloropropene	50.0	51.4		ug/Kg		103	70 - 130	
1,2,3-Trichlorobenzene	50.0	54.2		ug/Kg		108	60 - 130	
1,2,3-Trichloropropane	50.0	48.5		ug/Kg		97	60 - 135	
1,2,4-Trichlorobenzene	50.0	54.7		ug/Kg		109	70 - 135	
1,2,4-Trimethylbenzene	50.0	48.3		ug/Kg		97	70 - 125	
1,2-Dibromo-3-Chloropropane	50.0	54.1		ug/Kg		108	50 - 135	
1,2-Dibromoethane (EDB)	50.0	52.6		ug/Kg		105	70 - 130	
1,2-Dichlorobenzene	50.0	53.0		ug/Kg		106	75 - 120	
1,2-Dichloroethane	50.0	53.6		ug/Kg		107	60 - 140	
1,2-Dichloropropene	50.0	46.4		ug/Kg		93	70 - 130	
1,3,5-Trimethylbenzene	50.0	48.5		ug/Kg		97	70 - 125	
1,3-Dichlorobenzene	50.0	52.0		ug/Kg		104	75 - 125	
1,3-Dichloropropane	50.0	49.3		ug/Kg		99	70 - 125	
1,4-Dichlorobenzene	50.0	53.2		ug/Kg		106	75 - 120	
2,2-Dichloropropane	50.0	53.4		ug/Kg		107	60 - 145	
2-Chlorotoluene	50.0	47.5		ug/Kg		95	70 - 125	
4-Chlorotoluene	50.0	47.6		ug/Kg		95	75 - 125	
Benzene	50.0	46.8		ug/Kg		94	65 - 120	
Bromobenzene	50.0	52.0		ug/Kg		104	75 - 120	
Bromoform	50.0	54.9		ug/Kg		110	70 - 135	
Bromochloromethane	50.0	55.6		ug/Kg		111	70 - 135	
Bromoform	50.0	62.2		ug/Kg		124	55 - 135	
Bromomethane	50.0	40.9		ug/Kg		82	60 - 145	
Carbon tetrachloride	50.0	58.7		ug/Kg		117	65 - 140	
Chlorobenzene	50.0	50.1		ug/Kg		100	75 - 120	
Chloroethane	50.0	39.3		ug/Kg		79	60 - 140	
Chloroform	50.0	52.6		ug/Kg		105	70 - 130	
Chloromethane	50.0	26.0		ug/Kg		52	45 - 145	
cis-1,2-Dichloroethene	50.0	51.3		ug/Kg		103	70 - 125	
cis-1,3-Dichloropropene	50.0	49.8		ug/Kg		100	75 - 125	
Dibromochloromethane	50.0	59.2		ug/Kg		118	65 - 140	
Dibromomethane	50.0	54.6		ug/Kg		109	70 - 130	
Dichlorodifluoromethane	50.0	17.7		ug/Kg		35	35 - 160	
Ethylbenzene	50.0	47.6		ug/Kg		95	70 - 125	
Hexachlorobutadiene	50.0	59.8		ug/Kg		120	60 - 135	

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 440-220361/4

Matrix: Solid

Analysis Batch: 220361

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike		LCS		Unit	D	%Rec.	
	Added	Result	Qualifier	%Rec.			Limits	
Isopropylbenzene	50.0	50.4		ug/Kg		101	75 - 130	
m,p-Xylene	50.0	49.6		ug/Kg		99	70 - 125	
Methylene Chloride	50.0	45.0		ug/Kg		90	55 - 135	
Methyl-t-Butyl Ether (MTBE)	50.0	48.2		ug/Kg		96	60 - 140	
Naphthalene	50.0	53.1		ug/Kg		106	55 - 135	
n-Butylbenzene	50.0	48.6		ug/Kg		97	70 - 130	
N-Propylbenzene	50.0	47.2		ug/Kg		94	70 - 130	
o-Xylene	50.0	48.4		ug/Kg		97	70 - 125	
sec-Butylbenzene	50.0	48.9		ug/Kg		98	70 - 125	
Styrene	50.0	49.1		ug/Kg		98	75 - 130	
Tert-amyl-methyl ether (TAME)	50.0	46.0		ug/Kg		92	60 - 145	
tert-Butylbenzene	50.0	49.9		ug/Kg		100	70 - 125	
Tetrachloroethene	50.0	55.4		ug/Kg		111	70 - 125	
Toluene	50.0	47.3		ug/Kg		95	70 - 125	
trans-1,2-Dichloroethene	50.0	50.5		ug/Kg		101	70 - 125	
trans-1,3-Dichloropropene	50.0	54.3		ug/Kg		109	70 - 135	
Trichloroethene	50.0	54.9		ug/Kg		110	70 - 125	
Trichlorofluoromethane	50.0	52.7		ug/Kg		105	60 - 145	
Vinyl chloride	50.0	33.2		ug/Kg		66	55 - 135	
Isopropyl Ether (DIPE)	50.0	37.9		ug/Kg		76	60 - 140	
Ethyl-t-butyl ether (ETBE)	50.0	41.8		ug/Kg		84	60 - 140	
tert-Butyl alcohol (TBA)	500	518		ug/Kg		104	70 - 135	
p-Isopropyltoluene	50.0	50.1		ug/Kg		100	75 - 125	

Surrogate	LCS		Limits
	Added	Result	
Toluene-d8 (Surr)	100		79 - 123
4-Bromofluorobenzene (Surr)	92		79 - 120
Dibromofluoromethane (Surr)	113		60 - 120

Lab Sample ID: 440-93713-A-2 MS

Matrix: Solid

Analysis Batch: 220361

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample		Spike		MS		Unit	D	%Rec.	
	Result	Qualifier	Added	Result	Qualifier	Unit			%Rec.	Limits
1,1,1,2-Tetrachloroethane	ND		49.6	59.3		ug/Kg		120	65 - 145	
1,1,1-Trichloroethane	ND		49.6	56.6		ug/Kg		114	65 - 145	
1,1,2,2-Tetrachloroethane	ND		49.6	58.2		ug/Kg		117	40 - 160	
1,1,2-Trichloroethane	ND		49.6	55.1		ug/Kg		111	65 - 140	
1,1-Dichloroethane	ND		49.6	50.7		ug/Kg		102	65 - 135	
1,1-Dichloroethene	ND		49.6	46.0		ug/Kg		93	65 - 135	
1,1-Dichloropropene	ND		49.6	55.8		ug/Kg		112	65 - 135	
1,2,3-Trichlorobenzene	ND		49.6	61.3		ug/Kg		124	45 - 145	
1,2,3-Trichloropropane	ND		49.6	57.4		ug/Kg		116	50 - 150	
1,2,4-Trichlorobenzene	ND		49.6	62.5		ug/Kg		126	50 - 140	
1,2,4-Trimethylbenzene	ND		49.6	53.8		ug/Kg		108	65 - 140	
1,2-Dibromo-3-Chloropropane	ND		49.6	64.9		ug/Kg		131	40 - 150	
1,2-Dibromoethane (EDB)	ND		49.6	58.9		ug/Kg		119	65 - 140	
1,2-Dichlorobenzene	ND		49.6	58.7		ug/Kg		118	70 - 130	

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-93713-A-2 MS

Matrix: Solid

Analysis Batch: 220361

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	Limits		
	Result	Qualifier	Added	Result	Qualifier						
1,2-Dichloroethane	ND		49.6	59.1		ug/Kg		119	60 - 150		
1,2-Dichloropropane	ND		49.6	51.1		ug/Kg		103	65 - 130		
1,3,5-Trimethylbenzene	ND		49.6	53.4		ug/Kg		108	65 - 135		
1,3-Dichlorobenzene	ND		49.6	57.7		ug/Kg		116	70 - 130		
1,3-Dichloropropane	ND		49.6	52.7		ug/Kg		106	65 - 140		
1,4-Dichlorobenzene	ND		49.6	58.3		ug/Kg		118	70 - 130		
2,2-Dichloropropane	ND		49.6	57.2		ug/Kg		115	65 - 150		
2-Chlorotoluene	ND		49.6	52.1		ug/Kg		105	60 - 135		
4-Chlorotoluene	ND		49.6	52.8		ug/Kg		106	65 - 135		
Benzene	ND		49.6	49.6		ug/Kg		100	65 - 130		
Bromobenzene	ND		49.6	56.8		ug/Kg		115	65 - 140		
Bromochloromethane	ND		49.6	60.8		ug/Kg		123	65 - 145		
Bromodichloromethane	ND		49.6	59.2		ug/Kg		119	65 - 145		
Bromoform	ND		49.6	70.1		ug/Kg		141	50 - 145		
Bromomethane	ND		49.6	40.8		ug/Kg		82	60 - 155		
Carbon tetrachloride	ND		49.6	62.0		ug/Kg		125	60 - 145		
Chlorobenzene	ND		49.6	53.9		ug/Kg		109	70 - 130		
Chloroethane	ND		49.6	38.8		ug/Kg		78	60 - 150		
Chloroform	ND		49.6	55.4		ug/Kg		112	65 - 135		
Chloromethane	ND		49.6	23.1		ug/Kg		47	40 - 145		
cis-1,2-Dichloroethene	5.1		49.6	58.9		ug/Kg		108	65 - 135		
cis-1,3-Dichloropropene	ND		49.6	52.1		ug/Kg		105	70 - 135		
Dibromochloromethane	ND		49.6	64.7		ug/Kg		130	60 - 145		
Dibromomethane	ND		49.6	60.2		ug/Kg		121	65 - 140		
Dichlorodifluoromethane	ND		49.6	15.2		ug/Kg		31	30 - 160		
Ethylbenzene	ND		49.6	50.7		ug/Kg		102	70 - 135		
Hexachlorobutadiene	ND		49.6	65.8		ug/Kg		133	50 - 145		
Isopropylbenzene	ND		49.6	53.8		ug/Kg		108	70 - 145		
m,p-Xylene	ND		49.6	51.6		ug/Kg		104	70 - 130		
Methylene Chloride	ND		49.6	53.2		ug/Kg		107	55 - 145		
Methyl-t-Butyl Ether (MTBE)	ND		49.6	52.9		ug/Kg		107	55 - 155		
Naphthalene	ND		49.6	61.9		ug/Kg		125	40 - 150		
n-Butylbenzene	ND		49.6	54.1		ug/Kg		109	55 - 145		
N-Propylbenzene	ND		49.6	51.9		ug/Kg		105	65 - 140		
o-Xylene	ND		49.6	51.7		ug/Kg		104	65 - 130		
sec-Butylbenzene	ND		49.6	54.4		ug/Kg		110	60 - 135		
Styrene	ND		49.6	52.7		ug/Kg		106	70 - 140		
Tert-amyl-methyl ether (TAME)	ND		49.6	50.6		ug/Kg		102	60 - 150		
tert-Butylbenzene	ND		49.6	54.8		ug/Kg		111	60 - 140		
Tetrachloroethene	23		49.6	79.3		ug/Kg		114	65 - 135		
Toluene	ND		49.6	49.4		ug/Kg		100	70 - 130		
trans-1,2-Dichloroethene	ND		49.6	52.3		ug/Kg		105	70 - 135		
trans-1,3-Dichloropropene	ND		49.6	58.4		ug/Kg		118	60 - 145		
Trichloroethene	3.6		49.6	63.0		ug/Kg		120	65 - 140		
Trichlorofluoromethane	ND		49.6	53.2		ug/Kg		107	55 - 155		
Vinyl chloride	ND		49.6	31.4		ug/Kg		63	55 - 140		
Isopropyl Ether (DIPE)	ND		49.6	40.9		ug/Kg		83	60 - 150		
Ethyl-t-butyl ether (ETBE)	ND		49.6	45.2		ug/Kg		91	60 - 145		

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-93713-A-2 MS

Matrix: Solid

Analysis Batch: 220361

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec.	%Limits
	Result	Qualifier	Added	Result	Qualifier				
tert-Butyl alcohol (TBA)	ND		496	600		ug/Kg		121	65 - 145
p-Isopropyltoluene	ND		49.6	55.6		ug/Kg		112	60 - 140
Surrogate									
Toluene-d8 (Surr)	99			79 - 123					
4-Bromofluorobenzene (Surr)	95			79 - 120					
Dibromofluoromethane (Surr)	114			60 - 120					

Lab Sample ID: 440-93713-A-2 MSD

Matrix: Solid

Analysis Batch: 220361

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec.	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
1,1,1,2-Tetrachloroethane	ND		50.0	56.7		ug/Kg		113	65 - 145	5	20
1,1,1-Trichloroethane	ND		50.0	54.8		ug/Kg		110	65 - 145	3	20
1,1,2,2-Tetrachloroethane	ND		50.0	54.8		ug/Kg		110	40 - 160	6	30
1,1,2-Trichloroethane	ND		50.0	53.0		ug/Kg		106	65 - 140	4	30
1,1-Dichloroethane	ND		50.0	49.3		ug/Kg		99	65 - 135	3	25
1,1-Dichloroethene	ND		50.0	44.1		ug/Kg		88	65 - 135	4	25
1,1-Dichloropropene	ND		50.0	53.6		ug/Kg		107	65 - 135	4	20
1,2,3-Trichlorobenzene	ND		50.0	54.3		ug/Kg		109	45 - 145	12	30
1,2,3-Trichloropropane	ND		50.0	50.9		ug/Kg		102	50 - 150	12	30
1,2,4-Trichlorobenzene	ND		50.0	57.2		ug/Kg		114	50 - 140	9	30
1,2,4-Trimethylbenzene	ND		50.0	50.4		ug/Kg		101	65 - 140	6	25
1,2-Dibromo-3-Chloropropane	ND		50.0	58.6		ug/Kg		117	40 - 150	10	30
1,2-Dibromoethane (EDB)	ND		50.0	55.4		ug/Kg		111	65 - 140	6	25
1,2-Dichlorobenzene	ND		50.0	54.9		ug/Kg		110	70 - 130	7	25
1,2-Dichloroethane	ND		50.0	54.8		ug/Kg		110	60 - 150	8	25
1,2-Dichloropropene	ND		50.0	47.1		ug/Kg		94	65 - 130	8	20
1,3,5-Trimethylbenzene	ND		50.0	51.3		ug/Kg		103	65 - 135	4	25
1,3-Dichlorobenzene	ND		50.0	54.5		ug/Kg		109	70 - 130	6	25
1,3-Dichloropropane	ND		50.0	50.8		ug/Kg		102	65 - 140	4	25
1,4-Dichlorobenzene	ND		50.0	55.0		ug/Kg		110	70 - 130	6	25
2,2-Dichloropropane	ND		50.0	52.4		ug/Kg		105	65 - 150	9	25
2-Chlorotoluene	ND		50.0	50.2		ug/Kg		100	60 - 135	4	25
4-Chlorotoluene	ND		50.0	50.5		ug/Kg		101	65 - 135	4	25
Benzene	ND		50.0	46.8		ug/Kg		94	65 - 130	6	20
Bromobenzene	ND		50.0	54.8		ug/Kg		110	65 - 140	4	25
Bromochloromethane	ND		50.0	55.6		ug/Kg		111	65 - 145	9	25
Bromodichloromethane	ND		50.0	54.6		ug/Kg		109	65 - 145	8	20
Bromoform	ND		50.0	64.2		ug/Kg		128	50 - 145	9	30
Bromomethane	ND		50.0	38.6		ug/Kg		77	60 - 155	6	25
Carbon tetrachloride	ND		50.0	59.3		ug/Kg		119	60 - 145	4	25
Chlorobenzene	ND		50.0	51.3		ug/Kg		103	70 - 130	5	25
Chloroethane	ND		50.0	36.7		ug/Kg		73	60 - 150	5	25
Chloroform	ND		50.0	53.4		ug/Kg		107	65 - 135	4	20
Chloromethane	ND		50.0	21.1		ug/Kg		42	40 - 145	9	25
cis-1,2-Dichloroethene	5.1		50.0	62.3		ug/Kg		114	65 - 135	6	25

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-93713-A-2 MSD

Matrix: Solid

Analysis Batch: 220361

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
cis-1,3-Dichloropropene	ND		50.0	50.3		ug/Kg		101	70 - 135	4	25
Dibromochloromethane	ND		50.0	61.8		ug/Kg		124	60 - 145	5	25
Dibromomethane	ND		50.0	56.7		ug/Kg		113	65 - 140	6	25
Dichlorodifluoromethane	ND		50.0	14.0	F1	ug/Kg		28	30 - 160	8	35
Ethylbenzene	ND		50.0	49.1		ug/Kg		98	70 - 135	3	25
Hexachlorobutadiene	ND		50.0	55.6		ug/Kg		111	50 - 145	17	35
Isopropylbenzene	ND		50.0	51.5		ug/Kg		103	70 - 145	4	25
m,p-Xylene	ND		50.0	50.5		ug/Kg		101	70 - 130	2	25
Methylene Chloride	ND		50.0	49.6		ug/Kg		99	55 - 145	7	25
Methyl-t-Butyl Ether (MTBE)	ND		50.0	49.1		ug/Kg		98	55 - 155	7	35
Naphthalene	ND		50.0	56.1		ug/Kg		112	40 - 150	10	40
n-Butylbenzene	ND		50.0	50.2		ug/Kg		100	55 - 145	7	30
N-Propylbenzene	ND		50.0	49.2		ug/Kg		98	65 - 140	5	25
o-Xylene	ND		50.0	49.8		ug/Kg		100	65 - 130	4	25
sec-Butylbenzene	ND		50.0	50.3		ug/Kg		101	60 - 135	8	25
Styrene	ND		50.0	50.2		ug/Kg		100	70 - 140	5	25
Tert-amyl-methyl ether (TAME)	ND		50.0	47.2		ug/Kg		94	60 - 150	7	25
tert-Butylbenzene	ND		50.0	51.8		ug/Kg		104	60 - 140	6	25
Tetrachloroethene	23		50.0	113	F1 F2	ug/Kg		181	65 - 135	35	25
Toluene	ND		50.0	47.7		ug/Kg		95	70 - 130	4	20
trans-1,2-Dichloroethene	ND		50.0	50.4		ug/Kg		101	70 - 135	4	25
trans-1,3-Dichloropropene	ND		50.0	55.6		ug/Kg		111	60 - 145	5	25
Trichloroethene	3.6		50.0	65.1		ug/Kg		123	65 - 140	3	25
Trichlorofluoromethane	ND		50.0	51.6		ug/Kg		103	55 - 155	3	25
Vinyl chloride	ND		50.0	30.8		ug/Kg		62	55 - 140	2	30
Isopropyl Ether (DIPE)	ND		50.0	39.1		ug/Kg		78	60 - 150	5	25
Ethyl-t-butyl ether (ETBE)	ND		50.0	42.0		ug/Kg		84	60 - 145	7	30
tert-Butyl alcohol (TBA)	ND		500	549		ug/Kg		110	65 - 145	9	30
p-Isopropyltoluene	ND		50.0	51.8		ug/Kg		104	60 - 140	7	25

Surrogate	MSD	MSD		
	%Recovery	Qualifier	Limits	
Toluene-d8 (Surr)	99		79 - 123	
4-Bromofluorobenzene (Surr)	95		79 - 120	
Dibromofluoromethane (Surr)	110		60 - 120	

Lab Sample ID: MB 440-220364/5

Matrix: Water

Analysis Batch: 220364

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
tert-Butyl alcohol (TBA)	ND		10		ug/L			11/22/14 10:26	1
<hr/>									
Surrogate	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
Toluene-d8 (Surr)	106		80 - 128					11/22/14 10:26	1
4-Bromofluorobenzene (Surr)	101		80 - 120					11/22/14 10:26	1
Dibromofluoromethane (Surr)	103		76 - 132					11/22/14 10:26	1

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 440-220364/6

Matrix: Water

Analysis Batch: 220364

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte		Spike	LCS	LCS	Unit	D	%Rec.	%Rec.
		Added	Result	Qualifier				
tert-Butyl alcohol (TBA)		250	253		ug/L		101	70 - 130
Surrogate								
Surrogate		LCS	LCS					
		%Recovery	Qualifier	Limits				
Toluene-d8 (Surr)		107		80 - 128				
4-Bromofluorobenzene (Surr)		103		80 - 120				
Dibromofluoromethane (Surr)		103		76 - 132				

Lab Sample ID: 440-93676-B-7 MS

Matrix: Water

Analysis Batch: 220364

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec.	%Rec.
	Result	Qualifier	Added	Result	Qualifier				
tert-Butyl alcohol (TBA)	ND		250	247		ug/L		99	70 - 130
Surrogate									
Surrogate		MS	MS						
		%Recovery	Qualifier	Limits					
Toluene-d8 (Surr)		104		80 - 128					
4-Bromofluorobenzene (Surr)		102		80 - 120					
Dibromofluoromethane (Surr)		99		76 - 132					

Lab Sample ID: 440-93676-B-7 MSD

Matrix: Water

Analysis Batch: 220364

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec.	%Rec.	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
tert-Butyl alcohol (TBA)	ND		250	260		ug/L		104	70 - 130	5	25
Surrogate											
Surrogate		MSD	MSD								
		%Recovery	Qualifier	Limits							
Toluene-d8 (Surr)		105		80 - 128							
4-Bromofluorobenzene (Surr)		102		80 - 120							
Dibromofluoromethane (Surr)		105		76 - 132							

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 440-220274/1-A

Matrix: Solid

Analysis Batch: 220337

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 220274

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,2,4-Trichlorobenzene	ND		330		ug/Kg		11/21/14 17:17	11/22/14 00:47	1
1,2-Dichlorobenzene	ND		330		ug/Kg		11/21/14 17:17	11/22/14 00:47	1
1,2-Diphenylhydrazine(as Azobenzene)	ND		330		ug/Kg		11/21/14 17:17	11/22/14 00:47	1
1,3-Dichlorobenzene	ND		330		ug/Kg		11/21/14 17:17	11/22/14 00:47	1
1,4-Dichlorobenzene	ND		330		ug/Kg		11/21/14 17:17	11/22/14 00:47	1
2,4,5-Trichlorophenol	ND		330		ug/Kg		11/21/14 17:17	11/22/14 00:47	1
2,4,6-Trichlorophenol	ND		330		ug/Kg		11/21/14 17:17	11/22/14 00:47	1
2,4-Dichlorophenol	ND		330		ug/Kg		11/21/14 17:17	11/22/14 00:47	1

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 440-220274/1-A

Matrix: Solid

Analysis Batch: 220337

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 220274

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol		ND			330		ug/Kg		11/21/14 17:17	11/22/14 00:47	1
2,4-Dinitrophenol		ND			660		ug/Kg		11/21/14 17:17	11/22/14 00:47	1
2,4-Dinitrotoluene		ND			330		ug/Kg		11/21/14 17:17	11/22/14 00:47	1
2,6-Dinitrotoluene		ND			330		ug/Kg		11/21/14 17:17	11/22/14 00:47	1
2-Chloronaphthalene		ND			330		ug/Kg		11/21/14 17:17	11/22/14 00:47	1
2-Chlorophenol		ND			330		ug/Kg		11/21/14 17:17	11/22/14 00:47	1
2-Methylnaphthalene		ND			330		ug/Kg		11/21/14 17:17	11/22/14 00:47	1
2-Methylphenol		ND			330		ug/Kg		11/21/14 17:17	11/22/14 00:47	1
2-Nitroaniline		ND			330		ug/Kg		11/21/14 17:17	11/22/14 00:47	1
2-Nitrophenol		ND			330		ug/Kg		11/21/14 17:17	11/22/14 00:47	1
3,3'-Dichlorobenzidine		ND			830		ug/Kg		11/21/14 17:17	11/22/14 00:47	1
3-Nitroaniline		ND			330		ug/Kg		11/21/14 17:17	11/22/14 00:47	1
4,6-Dinitro-2-methylphenol		ND			420		ug/Kg		11/21/14 17:17	11/22/14 00:47	1
4-Bromophenyl phenyl ether		ND			330		ug/Kg		11/21/14 17:17	11/22/14 00:47	1
4-Chloro-3-methylphenol		ND			330		ug/Kg		11/21/14 17:17	11/22/14 00:47	1
4-Chloroaniline		ND			330		ug/Kg		11/21/14 17:17	11/22/14 00:47	1
4-Chlorophenyl phenyl ether		ND			330		ug/Kg		11/21/14 17:17	11/22/14 00:47	1
3-Methylphenol + 4-Methylphenol		ND			330		ug/Kg		11/21/14 17:17	11/22/14 00:47	1
4-Nitroaniline		ND			830		ug/Kg		11/21/14 17:17	11/22/14 00:47	1
4-Nitrophenol		ND			830		ug/Kg		11/21/14 17:17	11/22/14 00:47	1
Acenaphthene		ND			330		ug/Kg		11/21/14 17:17	11/22/14 00:47	1
Acenaphthylene		ND			330		ug/Kg		11/21/14 17:17	11/22/14 00:47	1
Aniline		ND			420		ug/Kg		11/21/14 17:17	11/22/14 00:47	1
Anthracene		ND			330		ug/Kg		11/21/14 17:17	11/22/14 00:47	1
Benzidine		ND			1300		ug/Kg		11/21/14 17:17	11/22/14 00:47	1
Benzo[a]anthracene		ND			330		ug/Kg		11/21/14 17:17	11/22/14 00:47	1
Benzo[a]pyrene		ND			330		ug/Kg		11/21/14 17:17	11/22/14 00:47	1
Benzo[b]fluoranthene		ND			330		ug/Kg		11/21/14 17:17	11/22/14 00:47	1
Benzo[g,h,i]perylene		ND			330		ug/Kg		11/21/14 17:17	11/22/14 00:47	1
Benzo[k]fluoranthene		ND			330		ug/Kg		11/21/14 17:17	11/22/14 00:47	1
Benzoic acid		ND			830		ug/Kg		11/21/14 17:17	11/22/14 00:47	1
Benzyl alcohol		ND			330		ug/Kg		11/21/14 17:17	11/22/14 00:47	1
Bis(2-chloroethoxy)methane		ND			330		ug/Kg		11/21/14 17:17	11/22/14 00:47	1
Bis(2-chloroethyl)ether		ND			330		ug/Kg		11/21/14 17:17	11/22/14 00:47	1
Bis(2-ethylhexyl) phthalate		ND			330		ug/Kg		11/21/14 17:17	11/22/14 00:47	1
Butyl benzyl phthalate		ND			330		ug/Kg		11/21/14 17:17	11/22/14 00:47	1
Chrysene		ND			330		ug/Kg		11/21/14 17:17	11/22/14 00:47	1
Dibenz(a,h)anthracene		ND			420		ug/Kg		11/21/14 17:17	11/22/14 00:47	1
Dibenzofuran		ND			330		ug/Kg		11/21/14 17:17	11/22/14 00:47	1
Diethyl phthalate		ND			330		ug/Kg		11/21/14 17:17	11/22/14 00:47	1
Dimethyl phthalate		ND			330		ug/Kg		11/21/14 17:17	11/22/14 00:47	1
Di-n-butyl phthalate		ND			330		ug/Kg		11/21/14 17:17	11/22/14 00:47	1
Di-n-octyl phthalate		ND			330		ug/Kg		11/21/14 17:17	11/22/14 00:47	1
Fluoranthene		ND			330		ug/Kg		11/21/14 17:17	11/22/14 00:47	1
Fluorene		ND			330		ug/Kg		11/21/14 17:17	11/22/14 00:47	1
Hexachlorobenzene		ND			330		ug/Kg		11/21/14 17:17	11/22/14 00:47	1
Hexachlorobutadiene		ND			330		ug/Kg		11/21/14 17:17	11/22/14 00:47	1
Hexachlorocyclopentadiene		ND			830		ug/Kg		11/21/14 17:17	11/22/14 00:47	1

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 440-220274/1-A

Matrix: Solid

Analysis Batch: 220337

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 220274

Analyte	MB		RL	MDL	Unit	D	Prepared		Analyzed	Dil Fac
	Result	Qualifier					Prepared	Analyzed		
Hexachloroethane	ND		330		ug/Kg		11/21/14 17:17	11/22/14 00:47		1
Indeno[1,2,3-cd]pyrene	ND		330		ug/Kg		11/21/14 17:17	11/22/14 00:47		1
Isophorone	ND		330		ug/Kg		11/21/14 17:17	11/22/14 00:47		1
Naphthalene	ND		330		ug/Kg		11/21/14 17:17	11/22/14 00:47		1
Nitrobenzene	ND		330		ug/Kg		11/21/14 17:17	11/22/14 00:47		1
N-Nitrosodi-n-propylamine	ND		250		ug/Kg		11/21/14 17:17	11/22/14 00:47		1
N-Nitrosodiphenylamine	ND		330		ug/Kg		11/21/14 17:17	11/22/14 00:47		1
Pentachlorophenol	ND		830		ug/Kg		11/21/14 17:17	11/22/14 00:47		1
Phenanthrene	ND		330		ug/Kg		11/21/14 17:17	11/22/14 00:47		1
Phenol	ND		330		ug/Kg		11/21/14 17:17	11/22/14 00:47		1
Pyrene	ND		330		ug/Kg		11/21/14 17:17	11/22/14 00:47		1
bis (2-chloroisopropyl) ether	ND		330		ug/Kg		11/21/14 17:17	11/22/14 00:47		1
N-Nitrosodimethylamine	ND		330		ug/Kg		11/21/14 17:17	11/22/14 00:47		1

Surrogate	MB		Limits	Prepared		Analyzed	Dil Fac
	%Recovery	Qualifier		Prepared	Analyzed		
2-Fluorobiphenyl	84		35 - 120			11/21/14 17:17	11/22/14 00:47
2-Fluorophenol (Surr)	79		25 - 120			11/21/14 17:17	11/22/14 00:47
2,4,6-Tribromophenol (Surr)	93		35 - 125			11/21/14 17:17	11/22/14 00:47
Nitrobenzene-d5 (Surr)	74		30 - 120			11/21/14 17:17	11/22/14 00:47
Terphenyl-d14 (Surr)	58		40 - 135			11/21/14 17:17	11/22/14 00:47
Phenol-d6 (Surr)	75		35 - 120			11/21/14 17:17	11/22/14 00:47

Lab Sample ID: LCS 440-220274/2-A

Matrix: Solid

Analysis Batch: 220337

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 220274

Analyte	Spike		LCS		Unit	D	%Rec	%Rec.	
	Added	Result	Qualifier	Limits					
1,2,4-Trichlorobenzene	3330	2960		ug/Kg			89	56 - 94	
1,2-Dichlorobenzene	3330	2750		ug/Kg			83	54 - 93	
1,2-Diphenylhydrazine(as Azobenzene)	3330	3370		ug/Kg			101	64 - 110	
1,3-Dichlorobenzene	3330	2680		ug/Kg			80	53 - 89	
1,4-Dichlorobenzene	3330	2770		ug/Kg			83	54 - 90	
2,4,5-Trichlorophenol	3330	3260		ug/Kg			98	64 - 110	
2,4,6-Trichlorophenol	3330	3270		ug/Kg			98	65 - 106	
2,4-Dichlorophenol	3330	3220		ug/Kg			97	64 - 104	
2,4-Dimethylphenol	3330	2600		ug/Kg			78	57 - 97	
2,4-Dinitrophenol	3330	3730		ug/Kg			112	44 - 124	
2,4-Dinitrotoluene	3330	3240		ug/Kg			97	67 - 113	
2,6-Dinitrotoluene	3330	3410		ug/Kg			102	67 - 112	
2-Chloronaphthalene	3330	3230		ug/Kg			97	65 - 101	
2-Chlorophenol	3330	2940		ug/Kg			88	61 - 103	
2-Methylnaphthalene	3330	2930		ug/Kg			88	56 - 98	
2-Methylphenol	3330	2910		ug/Kg			87	57 - 108	
2-Nitroaniline	3330	3370		ug/Kg			101	62 - 109	
2-Nitrophenol	3330	3230		ug/Kg			97	58 - 102	
3,3'-Dichlorobenzidine	3330	2980		ug/Kg			89	44 - 101	
3-Nitroaniline	3330	3070		ug/Kg			92	43 - 106	

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 440-220274/2-A

Matrix: Solid

Analysis Batch: 220337

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 220274

Analyte	Spike	LCS	LCS	Unit	D	%Rec	Limits
	Added	Result	Qualifier				
4,6-Dinitro-2-methylphenol	3330	3730		ug/Kg		112	60 - 122
4-Bromophenyl phenyl ether	3330	3480	*	ug/Kg		104	61 - 101
4-Chloro-3-methylphenol	3330	3380		ug/Kg		101	63 - 110
4-Chloroaniline	3330	2600		ug/Kg		78	29 - 98
4-Chlorophenyl phenyl ether	3330	3320		ug/Kg		100	60 - 116
3-Methylphenol + 4-Methylphenol	3330	2890		ug/Kg		87	56 - 110
4-Nitroaniline	3330	3240		ug/Kg		97	58 - 109
4-Nitrophenol	3330	2830		ug/Kg		85	58 - 118
Acenaphthene	3330	3150		ug/Kg		95	61 - 104
Acenaphthylene	3330	3230		ug/Kg		97	60 - 112
Aniline	3330	2740		ug/Kg		82	37 - 99
Anthracene	3330	3300		ug/Kg		99	69 - 115
Benzidine	3330	2490		ug/Kg		75	5 - 81
Benzo[a]anthracene	3330	3430		ug/Kg		103	68 - 109
Benzo[a]pyrene	3330	3640		ug/Kg		109	69 - 111
Benzo[b]fluoranthene	3330	3690	*	ug/Kg		111	61 - 106
Benzo[g,h,i]perylene	3330	3830		ug/Kg		115	60 - 115
Benzo[k]fluoranthene	3330	3330		ug/Kg		100	69 - 118
Benzoic acid	3330	3490		ug/Kg		105	38 - 115
Benzyl alcohol	3330	2930		ug/Kg		88	49 - 109
Bis(2-chloroethoxy)methane	3330	2990		ug/Kg		90	62 - 101
Bis(2-chloroethyl)ether	3330	2720		ug/Kg		82	55 - 99
Bis(2-ethylhexyl) phthalate	3330	3280		ug/Kg		98	61 - 117
Butyl benzyl phthalate	3330	3490		ug/Kg		105	61 - 109
Chrysene	3330	3350		ug/Kg		101	68 - 113
Dibenz(a,h)anthracene	3330	3680		ug/Kg		110	62 - 115
Dibenzofuran	3330	3110		ug/Kg		93	62 - 108
Diethyl phthalate	3330	3540		ug/Kg		106	65 - 116
Dimethyl phthalate	3330	3230		ug/Kg		97	67 - 106
Di-n-butyl phthalate	3330	3330		ug/Kg		100	71 - 119
Di-n-octyl phthalate	3330	3540		ug/Kg		106	68 - 124
Fluoranthene	3330	3210		ug/Kg		96	65 - 115
Fluorene	3330	3420		ug/Kg		103	61 - 115
Hexachlorobenzene	3330	3240		ug/Kg		97	61 - 99
Hexachlorobutadiene	3330	3110		ug/Kg		93	54 - 93
Hexachlorocyclopentadiene	3330	1710		ug/Kg		51	35 - 105
Hexachloroethane	3330	2670		ug/Kg		80	54 - 91
Indeno[1,2,3-cd]pyrene	3330	4470	*	ug/Kg		134	53 - 122
Isophorone	3330	2940		ug/Kg		88	58 - 98
Naphthalene	3330	2920		ug/Kg		88	58 - 96
Nitrobenzene	3330	2930		ug/Kg		88	58 - 96
N-Nitrosodi-n-propylamine	3330	2910		ug/Kg		87	54 - 104
N-Nitrosodiphenylamine	3330	3160		ug/Kg		95	64 - 101
Pentachlorophenol	3330	2940		ug/Kg		88	57 - 119
Phenanthrene	3330	3290		ug/Kg		99	67 - 118
Phenol	3330	3110		ug/Kg		93	60 - 108
Pyrene	3330	3380		ug/Kg		101	65 - 121
bis (2-chloroisopropyl) ether	3330	2830		ug/Kg		85	50 - 102

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QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 440-220274/2-A

Matrix: Solid

Analysis Batch: 220337

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 220274

Analyte	Spike		LCS Result	LCS Qualifier	Unit	D	%Rec.	
	Added	%					79	Limits
N-Nitrosodimethylamine	3330		2630		ug/Kg		48 - 94	
Surrogate								
2-Fluorobiphenyl	93			35 - 120				
2-Fluorophenol (Surr)	88			25 - 120				
2,4,6-Tribromophenol (Surr)	100			35 - 125				
Nitrobenzene-d5 (Surr)	84			30 - 120				
Terphenyl-d14 (Surr)	63			40 - 135				
Phenol-d6 (Surr)	86			35 - 120				

Lab Sample ID: 440-93948-H-17-I MS

Matrix: Solid

Analysis Batch: 220337

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 220274

Analyte	Sample Result	Sample Qualifier	Spike		MS Result	MS Qualifier	Unit	D	%Rec.	
			Added	%					79	Limits
1,2,4-Trichlorobenzene	ND		3430		2120		ug/Kg	⊗	62	40 - 120
1,2-Dichlorobenzene	ND		3430		2170		ug/Kg	⊗	63	40 - 120
1,2-Diphenylhydrazine(as Azobenzene)	ND		3430		2090		ug/Kg	⊗	61	50 - 125
1,3-Dichlorobenzene	ND		3430		2170		ug/Kg	⊗	63	35 - 120
1,4-Dichlorobenzene	ND		3430		2230		ug/Kg	⊗	65	35 - 120
2,4,5-Trichlorophenol	ND		3430		1980		ug/Kg	⊗	58	45 - 120
2,4,6-Trichlorophenol	ND		3430		1890		ug/Kg	⊗	55	45 - 120
2,4-Dichlorophenol	ND		3430		1890		ug/Kg	⊗	55	45 - 120
2,4-Dimethylphenol	ND		3430		761 F1		ug/Kg	⊗	22	30 - 120
2,4-Dinitrophenol	ND		3430		872		ug/Kg	⊗	25	20 - 120
2,4-Dinitrotoluene	ND		3430		1970		ug/Kg	⊗	58	50 - 125
2,6-Dinitrotoluene	ND		3430		2120		ug/Kg	⊗	62	50 - 125
2-Chloronaphthalene	ND		3430		2140		ug/Kg	⊗	62	45 - 120
2-Chlorophenol	ND		3430		1860		ug/Kg	⊗	54	40 - 120
2-Methylnaphthalene	ND		3430		1970		ug/Kg	⊗	57	40 - 120
2-Methylphenol	ND		3430		1150 F1		ug/Kg	⊗	34	40 - 120
2-Nitroaniline	ND		3430		2110		ug/Kg	⊗	61	45 - 120
2-Nitrophenol	ND		3430		2190		ug/Kg	⊗	64	40 - 120
3,3'-Dichlorobenzidine	ND		3430		949		ug/Kg	⊗	28	20 - 130
3-Nitroaniline	ND		3430		1760		ug/Kg	⊗	51	30 - 120
4,6-Dinitro-2-methylphenol	ND		3430		1640		ug/Kg	⊗	48	35 - 120
4-Bromophenyl phenyl ether	ND *		3430		2170		ug/Kg	⊗	63	45 - 120
4-Chloro-3-methylphenol	ND		3430		1740		ug/Kg	⊗	51	50 - 125
4-Chloroaniline	ND		3430		1310		ug/Kg	⊗	38	20 - 120
4-Chlorophenyl phenyl ether	ND		3430		2120		ug/Kg	⊗	62	50 - 120
3-Methylphenol + 4-Methylphenol	ND		3430		1190 F1		ug/Kg	⊗	35	50 - 120
4-Nitroaniline	ND		3430		1720		ug/Kg	⊗	50	40 - 125
4-Nitrophenol	ND		3430		1630		ug/Kg	⊗	47	35 - 125
Acenaphthene	ND		3430		2040		ug/Kg	⊗	59	45 - 120
Acenaphthylene	ND		3430		2010		ug/Kg	⊗	59	45 - 120
Aniline	ND		3430		1190		ug/Kg	⊗	35	25 - 120
Anthracene	ND		3430		2020		ug/Kg	⊗	59	55 - 120

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-93948-H-17-I MS

Matrix: Solid

Analysis Batch: 220337

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 220274

Analyte	Sample	Sample	Spike	MS		Unit	D	%Rec	Limits	%Rec.
	Result	Qualifier	Added	Result	Qualifier					
Benzidine	ND		3430	ND	F1	ug/Kg	⊗	0	20 - 120	
Benzo[a]anthracene	ND		3430	2040		ug/Kg	⊗	60	50 - 120	
Benzo[a]pyrene	ND		3430	2110		ug/Kg	⊗	61	45 - 125	
Benzo[b]fluoranthene	ND *		3430	2310		ug/Kg	⊗	67	45 - 125	
Benzo[g,h,i]perylene	ND		3430	2550		ug/Kg	⊗	74	25 - 130	
Benzo[k]fluoranthene	ND		3430	1920		ug/Kg	⊗	56	45 - 125	
Benzoic acid	ND		3430	ND	F1	ug/Kg	⊗	18	20 - 120	
Benzyl alcohol	ND		3430	1490		ug/Kg	⊗	44	20 - 120	
Bis(2-chloroethoxy)methane	ND		3430	1980		ug/Kg	⊗	58	45 - 120	
Bis(2-chloroethyl)ether	ND		3430	1960		ug/Kg	⊗	57	35 - 110	
Bis(2-ethylhexyl) phthalate	ND		3430	1880		ug/Kg	⊗	55	45 - 130	
Butyl benzyl phthalate	ND		3430	2070		ug/Kg	⊗	60	45 - 125	
Chrysene	ND		3430	2030		ug/Kg	⊗	59	55 - 120	
Dibenz(a,h)anthracene	ND		3430	2140		ug/Kg	⊗	62	25 - 135	
Dibenzofuran	ND		3430	2020		ug/Kg	⊗	59	50 - 120	
Diethyl phthalate	ND		3430	2080		ug/Kg	⊗	61	50 - 125	
Dimethyl phthalate	ND		3430	1930		ug/Kg	⊗	56	45 - 125	
Di-n-butyl phthalate	ND		3430	1920		ug/Kg	⊗	56	50 - 125	
Di-n-octyl phthalate	ND		3430	2030		ug/Kg	⊗	59	50 - 135	
Fluoranthene	ND		3430	1970		ug/Kg	⊗	57	45 - 120	
Fluorene	ND		3430	2200		ug/Kg	⊗	64	50 - 120	
Hexachlorobenzene	ND		3430	2120		ug/Kg	⊗	62	50 - 120	
Hexachlorobutadiene	ND		3430	2290		ug/Kg	⊗	67	40 - 120	
Hexachlorocyclopentadiene	ND		3430	983		ug/Kg	⊗	29	20 - 125	
Hexachloroethane	ND		3430	2160		ug/Kg	⊗	63	35 - 120	
Indeno[1,2,3-cd]pyrene	ND *		3430	2700		ug/Kg	⊗	79	20 - 130	
Isophorone	ND		3430	1880		ug/Kg	⊗	55	40 - 120	
Naphthalene	ND		3430	2040		ug/Kg	⊗	60	40 - 120	
Nitrobenzene	ND		3430	2060		ug/Kg	⊗	60	40 - 120	
N-Nitrosodi-n-propylamine	ND		3430	1910		ug/Kg	⊗	56	35 - 120	
N-Nitrosodiphenylamine	ND		3430	1460	F1	ug/Kg	⊗	42	45 - 125	
Pentachlorophenol	ND		3430	1350		ug/Kg	⊗	39	30 - 120	
Phenanthrene	ND		3430	2050		ug/Kg	⊗	60	50 - 120	
Phenol	ND		3430	1880		ug/Kg	⊗	55	40 - 120	
Pyrene	ND		3430	2080		ug/Kg	⊗	61	40 - 125	
bis (2-chloroisopropyl) ether	ND		3430	2090		ug/Kg	⊗	61	40 - 120	
N-Nitrosodimethylamine	ND		3430	1820		ug/Kg	⊗	53	25 - 125	

MS **MS**

Surrogate	%Recovery	Qualifier	Limits
2-Fluorobiphenyl	59		35 - 120
2-Fluorophenol (Surr)	55		25 - 120
2,4,6-Tribromophenol (Surr)	47		35 - 125
Nitrobenzene-d5 (Surr)	57		30 - 120
Terphenyl-d14 (Surr)	37 X		40 - 135
Phenol-d6 (Surr)	50		35 - 120

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-93948-H-17-J MSD

Matrix: Solid

Analysis Batch: 220337

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 220274

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier							
1,2,4-Trichlorobenzene	ND		3400	2070		ug/Kg	⊗	61	40 - 120	2	25	
1,2-Dichlorobenzene	ND		3400	2100		ug/Kg	⊗	62	40 - 120	3	25	
1,2-Diphenylhydrazine(as Azobenzene)	ND		3400	2060		ug/Kg	⊗	61	50 - 125	1	25	
1,3-Dichlorobenzene	ND		3400	2090		ug/Kg	⊗	62	35 - 120	4	25	
1,4-Dichlorobenzene	ND		3400	2120		ug/Kg	⊗	62	35 - 120	5	25	
2,4,5-Trichlorophenol	ND		3400	1900		ug/Kg	⊗	56	45 - 120	4	20	
2,4,6-Trichlorophenol	ND		3400	1810		ug/Kg	⊗	53	45 - 120	4	25	
2,4-Dichlorophenol	ND		3400	1850		ug/Kg	⊗	54	45 - 120	2	25	
2,4-Dimethylphenol	ND		3400	726 F1		ug/Kg	⊗	21	30 - 120	5	25	
2,4-Dinitrophenol	ND		3400	836		ug/Kg	⊗	25	20 - 120	4	25	
2,4-Dinitrotoluene	ND		3400	1950		ug/Kg	⊗	57	50 - 125	1	25	
2,6-Dinitrotoluene	ND		3400	2080		ug/Kg	⊗	61	50 - 125	2	20	
2-Chloronaphthalene	ND		3400	2050		ug/Kg	⊗	60	45 - 120	4	20	
2-Chlorophenol	ND		3400	1850		ug/Kg	⊗	54	40 - 120	1	20	
2-Methylnaphthalene	ND		3400	1970		ug/Kg	⊗	58	40 - 120	0	20	
2-Methylphenol	ND		3400	1190 F1		ug/Kg	⊗	35	40 - 120	3	25	
2-Nitroaniline	ND		3400	2050		ug/Kg	⊗	60	45 - 120	3	25	
2-Nitrophenol	ND		3400	2120		ug/Kg	⊗	62	40 - 120	3	25	
3,3'-Dichlorobenzidine	ND		3400	958		ug/Kg	⊗	28	20 - 130	1	25	
3-Nitroaniline	ND		3400	1780		ug/Kg	⊗	52	30 - 120	1	25	
4,6-Dinitro-2-methylphenol	ND		3400	1570		ug/Kg	⊗	46	35 - 120	4	25	
4-Bromophenyl phenyl ether	ND *		3400	2150		ug/Kg	⊗	63	45 - 120	1	20	
4-Chloro-3-methylphenol	ND		3400	1770		ug/Kg	⊗	52	50 - 125	2	25	
4-Chloroaniline	ND		3400	1270		ug/Kg	⊗	37	20 - 120	3	30	
4-Chlorophenyl phenyl ether	ND		3400	2060		ug/Kg	⊗	61	50 - 120	3	25	
3-Methylphenol + 4-Methylphenol	ND		3400	1190 F1		ug/Kg	⊗	35	50 - 120	1	25	
4-Nitroaniline	ND		3400	1710		ug/Kg	⊗	50	40 - 125	1	30	
4-Nitrophenol	ND		3400	1600		ug/Kg	⊗	47	35 - 125	2	30	
Acenaphthene	ND		3400	1960		ug/Kg	⊗	58	45 - 120	4	25	
Acenaphthylene	ND		3400	1930		ug/Kg	⊗	57	45 - 120	4	20	
Aniline	ND		3400	1100		ug/Kg	⊗	32	25 - 120	8	30	
Anthracene	ND		3400	2000		ug/Kg	⊗	59	55 - 120	1	25	
Benzidine	ND		3400	ND F1		ug/Kg	⊗	0	20 - 120	NC	30	
Benzo[a]anthracene	ND		3400	2010		ug/Kg	⊗	59	50 - 120	2	25	
Benzo[a]pyrene	ND		3400	2070		ug/Kg	⊗	61	45 - 125	2	25	
Benzo[b]fluoranthene	ND *		3400	2300		ug/Kg	⊗	68	45 - 125	1	30	
Benzo[g,h,i]perylene	ND		3400	2520		ug/Kg	⊗	74	25 - 130	1	30	
Benzo[k]fluoranthene	ND		3400	1910		ug/Kg	⊗	56	45 - 125	1	30	
Benzoic acid	ND		3400	ND F1		ug/Kg	⊗	17	20 - 120	7	30	
Benzyl alcohol	ND		3400	1350		ug/Kg	⊗	40	20 - 120	10	30	
Bis(2-chloroethoxy)methane	ND		3400	1950		ug/Kg	⊗	57	45 - 120	1	25	
Bis(2-chloroethyl)ether	ND		3400	1950		ug/Kg	⊗	57	35 - 110	1	25	
Bis(2-ethylhexyl) phthalate	ND		3400	1830		ug/Kg	⊗	54	45 - 130	3	25	
Butyl benzyl phthalate	ND		3400	2040		ug/Kg	⊗	60	45 - 125	1	25	
Chrysene	ND		3400	1990		ug/Kg	⊗	59	55 - 120	2	25	
Dibenz(a,h)anthracene	ND		3400	2070		ug/Kg	⊗	61	25 - 135	3	30	
Dibenzofuran	ND		3400	1980		ug/Kg	⊗	58	50 - 120	2	25	

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-93948-H-17-J MSD

Matrix: Solid

Analysis Batch: 220337

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 220274

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier						
Diethyl phthalate	ND		3400	2050		ug/Kg	⊗	60	50 - 125	1	25
Dimethyl phthalate	ND		3400	1890		ug/Kg	⊗	56	45 - 125	2	25
Di-n-butyl phthalate	ND		3400	1930		ug/Kg	⊗	57	50 - 125	1	25
Di-n-octyl phthalate	ND		3400	2000		ug/Kg	⊗	59	50 - 135	2	25
Fluoranthene	ND		3400	1960		ug/Kg	⊗	58	45 - 120	1	25
Fluorene	ND		3400	2140		ug/Kg	⊗	63	50 - 120	2	25
Hexachlorobenzene	ND		3400	2070		ug/Kg	⊗	61	50 - 120	2	25
Hexachlorobutadiene	ND		3400	2130		ug/Kg	⊗	63	40 - 120	7	25
Hexachlorocyclopentadiene	ND		3400	875		ug/Kg	⊗	26	20 - 125	12	30
Hexachloroethane	ND		3400	2010		ug/Kg	⊗	59	35 - 120	7	30
Indeno[1,2,3-cd]pyrene	ND *		3400	2650		ug/Kg	⊗	78	20 - 130	2	30
Isophorone	ND		3400	1820		ug/Kg	⊗	54	40 - 120	3	25
Naphthalene	ND		3400	1980		ug/Kg	⊗	58	40 - 120	3	25
Nitrobenzene	ND		3400	2010		ug/Kg	⊗	59	40 - 120	2	25
N-Nitrosodi-n-propylamine	ND		3400	1930		ug/Kg	⊗	57	35 - 120	1	25
N-Nitrosodiphenylamine	ND		3400	1460 F1		ug/Kg	⊗	43	45 - 125	0	25
Pentachlorophenol	ND		3400	1260		ug/Kg	⊗	37	30 - 120	7	25
Phenanthrene	ND		3400	2060		ug/Kg	⊗	61	50 - 120	0	25
Phenol	ND		3400	1860		ug/Kg	⊗	55	40 - 120	1	25
Pyrene	ND		3400	2050		ug/Kg	⊗	60	40 - 125	2	30
bis (2-chloroisopropyl) ether	ND		3400	2070		ug/Kg	⊗	61	40 - 120	1	25
N-Nitrosodimethylamine	ND		3400	1610		ug/Kg	⊗	48	25 - 125	12	25

MSD MSD

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl	57		35 - 120
2-Fluorophenol (Surr)	52		25 - 120
2,4,6-Tribromophenol (Surr)	48		35 - 125
Nitrobenzene-d5 (Surr)	55		30 - 120
Terphenyl-d14 (Surr)	36 X		40 - 135
Phenol-d6 (Surr)	51		35 - 120

Lab Sample ID: MB 440-220326/1-A

Matrix: Solid

Analysis Batch: 220337

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 220326

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,2,4-Trichlorobenzene	ND		330		ug/Kg		11/21/14 21:53	11/22/14 01:29	1
1,2-Dichlorobenzene	ND		330		ug/Kg		11/21/14 21:53	11/22/14 01:29	1
1,2-Diphenylhydrazine(as Azobenzene)	ND		330		ug/Kg		11/21/14 21:53	11/22/14 01:29	1
1,3-Dichlorobenzene	ND		330		ug/Kg		11/21/14 21:53	11/22/14 01:29	1
1,4-Dichlorobenzene	ND		330		ug/Kg		11/21/14 21:53	11/22/14 01:29	1
2,4,5-Trichlorophenol	ND		330		ug/Kg		11/21/14 21:53	11/22/14 01:29	1
2,4,6-Trichlorophenol	ND		330		ug/Kg		11/21/14 21:53	11/22/14 01:29	1
2,4-Dichlorophenol	ND		330		ug/Kg		11/21/14 21:53	11/22/14 01:29	1
2,4-Dimethylphenol	ND		330		ug/Kg		11/21/14 21:53	11/22/14 01:29	1
2,4-Dinitrophenol	ND		660		ug/Kg		11/21/14 21:53	11/22/14 01:29	1
2,4-Dinitrotoluene	ND		330		ug/Kg		11/21/14 21:53	11/22/14 01:29	1

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 440-220326/1-A

Matrix: Solid

Analysis Batch: 220337

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 220326

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	ND	ND							11/21/14 21:53	11/22/14 01:29	
2,6-Dinitrotoluene	ND	ND	ND		330	ug/Kg					1
2-Chloronaphthalene	ND	ND	ND		330	ug/Kg					1
2-Chlorophenol	ND	ND	ND		330	ug/Kg					1
2-Methylnaphthalene	ND	ND	ND		330	ug/Kg					1
2-Methylphenol	ND	ND	ND		330	ug/Kg					1
2-Nitroaniline	ND	ND	ND		330	ug/Kg					1
2-Nitrophenol	ND	ND	ND		330	ug/Kg					1
3,3'-Dichlorobenzidine	ND	ND	ND		830	ug/Kg					1
3-Nitroaniline	ND	ND	ND		330	ug/Kg					1
4,6-Dinitro-2-methylphenol	ND	ND	ND		420	ug/Kg					1
4-Bromophenyl phenyl ether	ND	ND	ND		330	ug/Kg					1
4-Chloro-3-methylphenol	ND	ND	ND		330	ug/Kg					1
4-Chloroaniline	ND	ND	ND		330	ug/Kg					1
4-Chlorophenyl phenyl ether	ND	ND	ND		330	ug/Kg					1
3-Methylphenol + 4-Methylphenol	ND	ND	ND		330	ug/Kg					1
4-Nitroaniline	ND	ND	ND		830	ug/Kg					1
4-Nitrophenol	ND	ND	ND		830	ug/Kg					1
Acenaphthene	ND	ND	ND		330	ug/Kg					1
Acenaphthylene	ND	ND	ND		330	ug/Kg					1
Aniline	ND	ND	ND		420	ug/Kg					1
Anthracene	ND	ND	ND		330	ug/Kg					1
Benzidine	ND	ND	ND		1300	ug/Kg					1
Benzo[a]anthracene	ND	ND	ND		330	ug/Kg					1
Benzo[a]pyrene	ND	ND	ND		330	ug/Kg					1
Benzo[b]fluoranthene	ND	ND	ND		330	ug/Kg					1
Benzo[g,h,i]perylene	ND	ND	ND		330	ug/Kg					1
Benzo[k]fluoranthene	ND	ND	ND		330	ug/Kg					1
Benzoic acid	ND	ND	ND		830	ug/Kg					1
Benzyl alcohol	ND	ND	ND		330	ug/Kg					1
Bis(2-chloroethoxy)methane	ND	ND	ND		330	ug/Kg					1
Bis(2-chloroethyl)ether	ND	ND	ND		330	ug/Kg					1
Bis(2-ethylhexyl) phthalate	ND	ND	ND		330	ug/Kg					1
Butyl benzyl phthalate	ND	ND	ND		330	ug/Kg					1
Chrysene	ND	ND	ND		330	ug/Kg					1
Dibenz(a,h)anthracene	ND	ND	ND		420	ug/Kg					1
Dibenzofuran	ND	ND	ND		330	ug/Kg					1
Diethyl phthalate	ND	ND	ND		330	ug/Kg					1
Dimethyl phthalate	ND	ND	ND		330	ug/Kg					1
Di-n-butyl phthalate	ND	ND	ND		330	ug/Kg					1
Di-n-octyl phthalate	ND	ND	ND		330	ug/Kg					1
Fluoranthene	ND	ND	ND		330	ug/Kg					1
Fluorene	ND	ND	ND		330	ug/Kg					1
Hexachlorobenzene	ND	ND	ND		330	ug/Kg					1
Hexachlorobutadiene	ND	ND	ND		330	ug/Kg					1
Hexachlorocyclopentadiene	ND	ND	ND		830	ug/Kg					1
Hexachloroethane	ND	ND	ND		330	ug/Kg					1
Indeno[1,2,3-cd]pyrene	ND	ND	ND		330	ug/Kg					1
Isophorone	ND	ND	ND		330	ug/Kg					1

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 440-220326/1-A

Matrix: Solid

Analysis Batch: 220337

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 220326

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							Prepared	Analyzed	
Naphthalene	ND		ND		330		ug/Kg	11/21/14 21:53	11/22/14 01:29		1
Nitrobenzene	ND		ND		330		ug/Kg	11/21/14 21:53	11/22/14 01:29		1
N-Nitrosodi-n-propylamine	ND		ND		250		ug/Kg	11/21/14 21:53	11/22/14 01:29		1
N-Nitrosodiphenylamine	ND		ND		330		ug/Kg	11/21/14 21:53	11/22/14 01:29		1
Pentachlorophenol	ND		ND		830		ug/Kg	11/21/14 21:53	11/22/14 01:29		1
Phenanthrene	ND		ND		330		ug/Kg	11/21/14 21:53	11/22/14 01:29		1
Phenol	ND		ND		330		ug/Kg	11/21/14 21:53	11/22/14 01:29		1
Pyrene	ND		ND		330		ug/Kg	11/21/14 21:53	11/22/14 01:29		1
bis (2-chloroisopropyl) ether	ND		ND		330		ug/Kg	11/21/14 21:53	11/22/14 01:29		1
N-Nitrosodimethylamine	ND		ND		330		ug/Kg	11/21/14 21:53	11/22/14 01:29		1
MB MB		Surrogate	%Recovery	Qualifier	Limits			D	Prepared		Dil Fac
					35 - 120				11/21/14 21:53	11/22/14 01:29	
2-Fluorobiphenyl	86		86		35 - 120				11/21/14 21:53	11/22/14 01:29	1
2-Fluorophenol (Surr)	79		79		25 - 120				11/21/14 21:53	11/22/14 01:29	1
2,4,6-Tribromophenol (Surr)	90		90		35 - 125				11/21/14 21:53	11/22/14 01:29	1
Nitrobenzene-d5 (Surr)	75		75		30 - 120				11/21/14 21:53	11/22/14 01:29	1
Terphenyl-d14 (Surr)	66		66		40 - 135				11/21/14 21:53	11/22/14 01:29	1
Phenol-d6 (Surr)	77		77		35 - 120				11/21/14 21:53	11/22/14 01:29	1

Lab Sample ID: LCS 440-220326/2-A

Matrix: Solid

Analysis Batch: 220337

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 220326

Analyte	Spike	LCS			%Rec.		
	Added	Result	Qualifier	Unit	D	%Rec	Limits
1,2,4-Trichlorobenzene	3330	2790		ug/Kg		84	56 - 94
1,2-Dichlorobenzene	3330	2600		ug/Kg		78	54 - 93
1,2-Diphenylhydrazine(as Azobenzene)	3330	3140		ug/Kg		94	64 - 110
1,3-Dichlorobenzene	3330	2540		ug/Kg		76	53 - 89
1,4-Dichlorobenzene	3330	2600		ug/Kg		78	54 - 90
2,4,5-Trichlorophenol	3330	3090		ug/Kg		93	64 - 110
2,4,6-Trichlorophenol	3330	3100		ug/Kg		93	65 - 106
2,4-Dichlorophenol	3330	3040		ug/Kg		91	64 - 104
2,4-Dimethylphenol	3330	2720		ug/Kg		82	57 - 97
2,4-Dinitrophenol	3330	3500		ug/Kg		105	44 - 124
2,4-Dinitrotoluene	3330	2940		ug/Kg		88	67 - 113
2,6-Dinitrotoluene	3330	3150		ug/Kg		94	67 - 112
2-Chloronaphthalene	3330	3050		ug/Kg		92	65 - 101
2-Chlorophenol	3330	2820		ug/Kg		85	61 - 103
2-Methylnaphthalene	3330	2750		ug/Kg		82	56 - 98
2-Methylphenol	3330	2850		ug/Kg		86	57 - 108
2-Nitroaniline	3330	3120		ug/Kg		94	62 - 109
2-Nitrophenol	3330	3040		ug/Kg		91	58 - 102
3,3'-Dichlorobenzidine	3330	2620		ug/Kg		79	44 - 101
3-Nitroaniline	3330	2670		ug/Kg		80	43 - 106
4,6-Dinitro-2-methylphenol	3330	3620		ug/Kg		108	60 - 122
4-Bromophenyl phenyl ether	3330	3310		ug/Kg		99	61 - 101
4-Chloro-3-methylphenol	3330	3160		ug/Kg		95	63 - 110

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 440-220326/2-A

Matrix: Solid

Analysis Batch: 220337

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 220326

Analyte	Spike	LCS		Unit	D	%Rec	Limits
	Added	Result	Qualifier				
4-Chloroaniline	3330	2360		ug/Kg	71	29 - 98	
4-Chlorophenyl phenyl ether	3330	3080		ug/Kg	92	60 - 116	
3-Methylphenol + 4-Methylphenol	3330	2800		ug/Kg	84	56 - 110	
4-Nitroaniline	3330	2870		ug/Kg	86	58 - 109	
4-Nitrophenol	3330	2550		ug/Kg	77	58 - 118	
Acenaphthene	3330	2950		ug/Kg	88	61 - 104	
Acenaphthylene	3330	3020		ug/Kg	91	60 - 112	
Aniline	3330	2710		ug/Kg	81	37 - 99	
Anthracene	3330	3090		ug/Kg	93	69 - 115	
Benzidine	3330	2830	*	ug/Kg	85	5 - 81	
Benzo[a]anthracene	3330	3180		ug/Kg	95	68 - 109	
Benzo[a]pyrene	3330	3370		ug/Kg	101	69 - 111	
Benzo[b]fluoranthene	3330	3440		ug/Kg	103	61 - 106	
Benzo[g,h,i]perylene	3330	3670		ug/Kg	110	60 - 115	
Benzo[k]fluoranthene	3330	3110		ug/Kg	93	69 - 118	
Benzoic acid	3330	3290		ug/Kg	99	38 - 115	
Benzyl alcohol	3330	2830		ug/Kg	85	49 - 109	
Bis(2-chloroethoxy)methane	3330	2810		ug/Kg	84	62 - 101	
Bis(2-chloroethyl)ether	3330	2550		ug/Kg	77	55 - 99	
Bis(2-ethylhexyl) phthalate	3330	3070		ug/Kg	92	61 - 117	
Butyl benzyl phthalate	3330	3240		ug/Kg	97	61 - 109	
Chrysene	3330	3150		ug/Kg	95	68 - 113	
Dibenz(a,h)anthracene	3330	3360		ug/Kg	101	62 - 115	
Dibenzofuran	3330	2870		ug/Kg	86	62 - 108	
Diethyl phthalate	3330	3220		ug/Kg	97	65 - 116	
Dimethyl phthalate	3330	2970		ug/Kg	89	67 - 106	
Di-n-butyl phthalate	3330	3060		ug/Kg	92	71 - 119	
Di-n-octyl phthalate	3330	3290		ug/Kg	99	68 - 124	
Fluoranthene	3330	3020		ug/Kg	90	65 - 115	
Fluorene	3330	3140		ug/Kg	94	61 - 115	
Hexachlorobenzene	3330	3080		ug/Kg	92	61 - 99	
Hexachlorobutadiene	3330	2880		ug/Kg	86	54 - 93	
Hexachlorocyclopentadiene	3330	1660		ug/Kg	50	35 - 105	
Hexachloroethane	3330	2520		ug/Kg	76	54 - 91	
Indeno[1,2,3-cd]pyrene	3330	3650		ug/Kg	110	53 - 122	
Isophorone	3330	2780		ug/Kg	83	58 - 98	
Naphthalene	3330	2700		ug/Kg	81	58 - 96	
Nitrobenzene	3330	2740		ug/Kg	82	58 - 96	
N-Nitrosodi-n-propylamine	3330	2810		ug/Kg	84	54 - 104	
N-Nitrosodiphenylamine	3330	3070		ug/Kg	92	64 - 101	
Pentachlorophenol	3330	2750		ug/Kg	82	57 - 119	
Phenanthrene	3330	3090		ug/Kg	93	67 - 118	
Phenol	3330	3050		ug/Kg	92	60 - 108	
Pyrene	3330	3170		ug/Kg	95	65 - 121	
bis (2-chloroisopropyl) ether	3330	2720		ug/Kg	82	50 - 102	
N-Nitrosodimethylamine	3330	2460		ug/Kg	74	48 - 94	

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 440-220326/2-A

Matrix: Solid

Analysis Batch: 220337

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 220326

Surrogate	LCS	LCS	
	%Recovery	Qualifier	Limits
2-Fluorobiphenyl	90		35 - 120
2-Fluorophenol (Surr)	85		25 - 120
2,4,6-Tribromophenol (Surr)	97		35 - 125
Nitrobenzene-d5 (Surr)	81		30 - 120
Terphenyl-d14 (Surr)	75		40 - 135
Phenol-d6 (Surr)	84		35 - 120

Lab Sample ID: 440-94032-5 MS

Matrix: Solid

Analysis Batch: 220337

Client Sample ID: SACA1121SS016

Prep Type: Total/NA

Prep Batch: 220326

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier					
1,2,4-Trichlorobenzene	ND		3580	2380		ug/Kg	⊗	67	40 - 120	
1,2-Dichlorobenzene	ND		3580	2320		ug/Kg	⊗	65	40 - 120	
1,2-Diphenylhydrazine(as Azobenzene)	ND		3580	2490		ug/Kg	⊗	69	50 - 125	
1,3-Dichlorobenzene	ND		3580	2300		ug/Kg	⊗	64	35 - 120	
1,4-Dichlorobenzene	ND		3580	2350		ug/Kg	⊗	66	35 - 120	
2,4,5-Trichlorophenol	ND		3580	2530		ug/Kg	⊗	71	45 - 120	
2,4,6-Trichlorophenol	ND		3580	2570		ug/Kg	⊗	72	45 - 120	
2,4-Dichlorophenol	ND		3580	2480		ug/Kg	⊗	69	45 - 120	
2,4-Dimethylphenol	ND		3580	2170		ug/Kg	⊗	61	30 - 120	
2,4-Dinitrophenol	ND		3580	841		ug/Kg	⊗	23	20 - 120	
2,4-Dinitrotoluene	ND		3580	2250		ug/Kg	⊗	63	50 - 125	
2,6-Dinitrotoluene	ND		3580	2470		ug/Kg	⊗	69	50 - 125	
2-Chloronaphthalene	ND		3580	2550		ug/Kg	⊗	71	45 - 120	
2-Chlorophenol	ND		3580	2330		ug/Kg	⊗	65	40 - 120	
2-Methylnaphthalene	ND		3580	2310		ug/Kg	⊗	65	40 - 120	
2-Methylphenol	ND		3580	2290		ug/Kg	⊗	64	40 - 120	
2-Nitroaniline	ND		3580	2470		ug/Kg	⊗	69	45 - 120	
2-Nitrophenol	ND		3580	2500		ug/Kg	⊗	70	40 - 120	
3,3'-Dichlorobenzidine	ND		3580	ND		ug/Kg	⊗	20	20 - 130	
3-Nitroaniline	ND		3580	1950		ug/Kg	⊗	55	30 - 120	
4,6-Dinitro-2-methylphenol	ND		3580	1620		ug/Kg	⊗	45	35 - 120	
4-Bromophenyl phenyl ether	ND		3580	2680		ug/Kg	⊗	75	45 - 120	
4-Chloro-3-methylphenol	ND		3580	2530		ug/Kg	⊗	71	50 - 125	
4-Chloroaniline	ND		3580	1570		ug/Kg	⊗	44	20 - 120	
4-Chlorophenyl phenyl ether	ND		3580	2520		ug/Kg	⊗	70	50 - 120	
3-Methylphenol + 4-Methylphenol	ND		3580	2260		ug/Kg	⊗	63	50 - 120	
4-Nitroaniline	ND		3580	1720		ug/Kg	⊗	48	40 - 125	
4-Nitrophenol	ND		3580	1930		ug/Kg	⊗	54	35 - 125	
Acenaphthene	ND		3580	2450		ug/Kg	⊗	69	45 - 120	
Acenaphthylene	ND		3580	2460		ug/Kg	⊗	69	45 - 120	
Aniline	ND		3580	1720		ug/Kg	⊗	48	25 - 120	
Anthracene	ND		3580	2500		ug/Kg	⊗	70	55 - 120	
Benzidine	ND *		3580	ND F1		ug/Kg	⊗	0	20 - 120	
Benzo[a]anthracene	ND		3580	2400		ug/Kg	⊗	67	50 - 120	
Benzo[a]pyrene	ND		3580	2540		ug/Kg	⊗	71	45 - 125	

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-94032-5 MS

Matrix: Solid

Analysis Batch: 220337

Client Sample ID: SACA1121SS016

Prep Type: Total/NA

Prep Batch: 220326

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	Limits	%Rec.
	Result	Qualifier	Added	Result	Qualifier					
Benzo[b]fluoranthene	ND		3580	2840		ug/Kg	⊗	79	45 - 125	
Benzo[g,h,i]perylene	ND		3580	3370		ug/Kg	⊗	94	25 - 130	
Benzo[k]fluoranthene	ND		3580	2440		ug/Kg	⊗	68	45 - 125	
Benzoic acid	ND		3580	ND		ug/Kg	⊗	21	20 - 120	
Benzyl alcohol	ND		3580	2240		ug/Kg	⊗	63	20 - 120	
Bis(2-chloroethoxy)methane	ND		3580	2260		ug/Kg	⊗	63	45 - 120	
Bis(2-chloroethyl)ether	ND		3580	2170		ug/Kg	⊗	61	35 - 110	
Bis(2-ethylhexyl) phthalate	ND		3580	2450		ug/Kg	⊗	68	45 - 130	
Butyl benzyl phthalate	ND		3580	2560		ug/Kg	⊗	72	45 - 125	
Chrysene	ND		3580	2410		ug/Kg	⊗	67	55 - 120	
Dibenz(a,h)anthracene	ND		3580	2620		ug/Kg	⊗	73	25 - 135	
Dibenzofuran	ND		3580	2410		ug/Kg	⊗	67	50 - 120	
Diethyl phthalate	ND		3580	2460		ug/Kg	⊗	69	50 - 125	
Dimethyl phthalate	ND		3580	2260		ug/Kg	⊗	63	45 - 125	
Di-n-butyl phthalate	ND		3580	2340		ug/Kg	⊗	65	50 - 125	
Di-n-octyl phthalate	ND		3580	2550		ug/Kg	⊗	71	50 - 135	
Fluoranthene	ND		3580	2210		ug/Kg	⊗	62	45 - 120	
Fluorene	ND		3580	2630		ug/Kg	⊗	73	50 - 120	
Hexachlorobenzene	ND		3580	2470		ug/Kg	⊗	69	50 - 120	
Hexachlorobutadiene	ND		3580	2470		ug/Kg	⊗	69	40 - 120	
Hexachlorocyclopentadiene	ND		3580	ND		ug/Kg	⊗	21	20 - 125	
Hexachloroethane	ND		3580	2230		ug/Kg	⊗	62	35 - 120	
Indeno[1,2,3-cd]pyrene	ND		3580	3270		ug/Kg	⊗	91	20 - 130	
Isophorone	ND		3580	2180		ug/Kg	⊗	61	40 - 120	
Naphthalene	ND		3580	2300		ug/Kg	⊗	64	40 - 120	
Nitrobenzene	ND		3580	2290		ug/Kg	⊗	64	40 - 120	
N-Nitrosodi-n-propylamine	ND		3580	2250		ug/Kg	⊗	63	35 - 120	
N-Nitrosodiphenylamine	ND		3580	2320		ug/Kg	⊗	65	45 - 125	
Pentachlorophenol	ND		3580	1870		ug/Kg	⊗	52	30 - 120	
Phenanthrene	ND		3580	2450		ug/Kg	⊗	69	50 - 120	
Phenol	ND		3580	2440		ug/Kg	⊗	68	40 - 120	
Pyrene	ND		3580	2480		ug/Kg	⊗	69	40 - 125	
bis (2-chloroisopropyl) ether	ND		3580	2330		ug/Kg	⊗	65	40 - 120	
N-Nitrosodimethylamine	ND		3580	1880		ug/Kg	⊗	53	25 - 125	

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl	66		35 - 120
2-Fluorophenol (Surr)	63		25 - 120
2,4,6-Tribromophenol (Surr)	69		35 - 125
Nitrobenzene-d5 (Surr)	60		30 - 120
Terphenyl-d14 (Surr)	52		40 - 135
Phenol-d6 (Surr)	62		35 - 120

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-94032-5 MSD

Matrix: Solid

Analysis Batch: 220337

Client Sample ID: SACA1121SS016

Prep Type: Total/NA

Prep Batch: 220326

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier							
1,2,4-Trichlorobenzene	ND		3570	2520		ug/Kg	⊗	71	40 - 120	6	25	
1,2-Dichlorobenzene	ND		3570	2470		ug/Kg	⊗	69	40 - 120	6	25	
1,2-Diphenylhydrazine(as Azobenzene)	ND		3570	2680		ug/Kg	⊗	75	50 - 125	8	25	
1,3-Dichlorobenzene	ND		3570	2440		ug/Kg	⊗	68	35 - 120	6	25	
1,4-Dichlorobenzene	ND		3570	2490		ug/Kg	⊗	70	35 - 120	6	25	
2,4,5-Trichlorophenol	ND		3570	2730		ug/Kg	⊗	77	45 - 120	8	20	
2,4,6-Trichlorophenol	ND		3570	2720		ug/Kg	⊗	76	45 - 120	6	25	
2,4-Dichlorophenol	ND		3570	2680		ug/Kg	⊗	75	45 - 120	8	25	
2,4-Dimethylphenol	ND		3570	2310		ug/Kg	⊗	65	30 - 120	6	25	
2,4-Dinitrophenol	ND		3570	1080		ug/Kg	⊗	30	20 - 120	24	25	
2,4-Dinitrotoluene	ND		3570	2420		ug/Kg	⊗	68	50 - 125	7	25	
2,6-Dinitrotoluene	ND		3570	2660		ug/Kg	⊗	74	50 - 125	7	20	
2-Chloronaphthalene	ND		3570	2680		ug/Kg	⊗	75	45 - 120	5	20	
2-Chlorophenol	ND		3570	2430		ug/Kg	⊗	68	40 - 120	4	20	
2-Methylnaphthalene	ND		3570	2540		ug/Kg	⊗	71	40 - 120	10	20	
2-Methylphenol	ND		3570	2390		ug/Kg	⊗	67	40 - 120	4	25	
2-Nitroaniline	ND		3570	2660		ug/Kg	⊗	75	45 - 120	7	25	
2-Nitrophenol	ND		3570	2610		ug/Kg	⊗	73	40 - 120	4	25	
3,3'-Dichlorobenzidine	ND		3570	ND		ug/Kg	⊗	22	20 - 130	9	25	
3-Nitroaniline	ND		3570	2130		ug/Kg	⊗	60	30 - 120	9	25	
4,6-Dinitro-2-methylphenol	ND		3570	1910		ug/Kg	⊗	53	35 - 120	17	25	
4-Bromophenyl phenyl ether	ND		3570	2880		ug/Kg	⊗	81	45 - 120	7	20	
4-Chloro-3-methylphenol	ND		3570	2820		ug/Kg	⊗	79	50 - 125	11	25	
4-Chloroaniline	ND		3570	1770		ug/Kg	⊗	50	20 - 120	12	30	
4-Chlorophenyl phenyl ether	ND		3570	2700		ug/Kg	⊗	76	50 - 120	7	25	
3-Methylphenol + 4-Methylphenol	ND		3570	2370		ug/Kg	⊗	66	50 - 120	5	25	
4-Nitroaniline	ND		3570	1920		ug/Kg	⊗	54	40 - 125	11	30	
4-Nitrophenol	ND		3570	2120		ug/Kg	⊗	59	35 - 125	10	30	
Acenaphthene	ND		3570	2580		ug/Kg	⊗	72	45 - 120	5	25	
Acenaphthylene	ND		3570	2610		ug/Kg	⊗	73	45 - 120	6	20	
Aniline	ND		3570	1810		ug/Kg	⊗	51	25 - 120	5	30	
Anthracene	ND		3570	2690		ug/Kg	⊗	75	55 - 120	7	25	
Benzidine	ND *		3570	ND F1		ug/Kg	⊗	0	20 - 120	NC	30	
Benzo[a]anthracene	ND		3570	2590		ug/Kg	⊗	72	50 - 120	7	25	
Benzo[a]pyrene	ND		3570	2720		ug/Kg	⊗	76	45 - 125	7	25	
Benzo[b]fluoranthene	ND		3570	2980		ug/Kg	⊗	83	45 - 125	5	30	
Benzo[g,h,i]perylene	ND		3570	3600		ug/Kg	⊗	101	25 - 130	6	30	
Benzo[k]fluoranthene	ND		3570	2550		ug/Kg	⊗	71	45 - 125	5	30	
Benzoic acid	ND		3570	1110 F2		ug/Kg	⊗	31	20 - 120	39	30	
Benzyl alcohol	ND		3570	2370		ug/Kg	⊗	66	20 - 120	6	30	
Bis(2-chloroethoxy)methane	ND		3570	2380		ug/Kg	⊗	66	45 - 120	5	25	
Bis(2-chloroethyl)ether	ND		3570	2240		ug/Kg	⊗	63	35 - 110	3	25	
Bis(2-ethylhexyl) phthalate	ND		3570	2700		ug/Kg	⊗	76	45 - 130	10	25	
Butyl benzyl phthalate	ND		3570	2810		ug/Kg	⊗	79	45 - 125	9	25	
Chrysene	ND		3570	2600		ug/Kg	⊗	73	55 - 120	7	25	
Dibenz(a,h)anthracene	ND		3570	2910		ug/Kg	⊗	81	25 - 135	10	30	
Dibenzofuran	ND		3570	2580		ug/Kg	⊗	72	50 - 120	7	25	

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-94032-5 MSD

Matrix: Solid

Analysis Batch: 220337

Client Sample ID: SACA1121SS016

Prep Type: Total/NA

Prep Batch: 220326

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier							
Diethyl phthalate	ND		3570	2660		ug/Kg	⊗	74	50 - 125	8	25	
Dimethyl phthalate	ND		3570	2410		ug/Kg	⊗	67	45 - 125	7	25	
Di-n-butyl phthalate	ND		3570	2530		ug/Kg	⊗	71	50 - 125	8	25	
Di-n-octyl phthalate	ND		3570	2720		ug/Kg	⊗	76	50 - 135	6	25	
Fluoranthene	ND		3570	2390		ug/Kg	⊗	67	45 - 120	8	25	
Fluorene	ND		3570	2800		ug/Kg	⊗	78	50 - 120	6	25	
Hexachlorobenzene	ND		3570	2650		ug/Kg	⊗	74	50 - 120	7	25	
Hexachlorobutadiene	ND		3570	2590		ug/Kg	⊗	73	40 - 120	5	25	
Hexachlorocyclopentadiene	ND		3570	ND F1		ug/Kg	⊗	17	20 - 125	19	30	
Hexachloroethane	ND		3570	2370		ug/Kg	⊗	66	35 - 120	6	30	
Indeno[1,2,3-cd]pyrene	ND		3570	3610		ug/Kg	⊗	101	20 - 130	10	30	
Isophorone	ND		3570	2300		ug/Kg	⊗	64	40 - 120	5	25	
Naphthalene	ND		3570	2480		ug/Kg	⊗	70	40 - 120	8	25	
Nitrobenzene	ND		3570	2380		ug/Kg	⊗	67	40 - 120	4	25	
N-Nitrosodi-n-propylamine	ND		3570	2350		ug/Kg	⊗	66	35 - 120	4	25	
N-Nitrosodiphenylamine	ND		3570	2510		ug/Kg	⊗	70	45 - 125	8	25	
Pentachlorophenol	ND		3570	2050		ug/Kg	⊗	58	30 - 120	9	25	
Phenanthrene	ND		3570	2660		ug/Kg	⊗	75	50 - 120	8	25	
Phenol	ND		3570	2510		ug/Kg	⊗	70	40 - 120	3	25	
Pyrene	ND		3570	2730		ug/Kg	⊗	77	40 - 125	10	30	
bis (2-chloroisopropyl) ether	ND		3570	2400		ug/Kg	⊗	67	40 - 120	3	25	
N-Nitrosodimethylamine	ND		3570	2060		ug/Kg	⊗	58	25 - 125	9	25	
<i>Surrogate</i>		<i>MSD</i>	<i>MSD</i>									
<i>Surrogate</i>		<i>%Recovery</i>	<i>Qualifier</i>				<i>Limits</i>					
2-Fluorobiphenyl		70					35 - 120					
2-Fluorophenol (Surr)		67					25 - 120					
2,4,6-Tribromophenol (Surr)		75					35 - 125					
Nitrobenzene-d5 (Surr)		63					30 - 120					
Terphenyl-d14 (Surr)		59					40 - 135					
Phenol-d6 (Surr)		63					35 - 120					

Method: 8015B - Gasoline Range Organics - (GC)

Lab Sample ID: MB 440-220208/27

Matrix: Solid

Analysis Batch: 220208

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
GRO (C4-C12)	ND		400		ug/Kg			11/21/14 18:18	1
<i>Surrogate</i>		<i>MB</i>	<i>MB</i>						
<i>Surrogate</i>		<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>			<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
4-Bromofluorobenzene (Surr)		118		65 - 140				11/21/14 18:18	1

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: LCS 440-220208/4

Matrix: Solid

Analysis Batch: 220208

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte		Spike	LCS	LCS	Unit	D	%Rec	%Rec.
		Added	Result	Qualifier				
GRO (C4-C12)		1600	1520		ug/Kg		95	70 - 135
Surrogate								
Surrogate		LCSS	LCSS	Limits	ug/Kg	D	%Rec.	RPD
		%Recovery	Qualifier					
4-Bromofluorobenzene (Surr)		128		65 - 140				

Lab Sample ID: LCSD 440-220208/26

Matrix: Solid

Analysis Batch: 220208

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte		Spike	LCSD	LCSD	Unit	D	%Rec	%Rec.
		Added	Result	Qualifier				
GRO (C4-C12)		1600	1480	*	ug/Kg		93	70 - 135
Surrogate								
Surrogate		LCSD	LCSD	Limits	ug/Kg	D	%Rec	RPD
		%Recovery	Qualifier					
4-Bromofluorobenzene (Surr)		124		65 - 140				

Lab Sample ID: 440-94032-5 MS

Matrix: Solid

Analysis Batch: 220208

Client Sample ID: SACA1121SS016
Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				
GRO (C4-C12)	ND		1700	1320		ug/Kg	⊗	78	60 - 140
Surrogate									
Surrogate	MS	MS	Limits	ug/Kg	D	%Rec	RPD	Limit	RPD
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	110		65 - 140						

Lab Sample ID: 440-94032-5 MSD

Matrix: Solid

Analysis Batch: 220208

Client Sample ID: SACA1121SS016
Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	RPD
	Result	Qualifier	Added	Result	Qualifier				
GRO (C4-C12)	ND		1670	1330		ug/Kg	⊗	79	60 - 140
Surrogate									
Surrogate	MSD	MSD	Limits	ug/Kg	D	%Rec	RPD	Limit	RPD
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	118		65 - 140						

Lab Sample ID: MB 440-220276/43

Matrix: Solid

Analysis Batch: 220276

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
GRO (C4-C12)	ND		400		ug/Kg			11/22/14 03:54	1
Surrogate									
Surrogate	MB	MB	Limits	ug/Kg	D	Prepared	Analyzed	Dil Fac	RPD
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	97		65 - 140						

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: LCS 440-220276/41

Matrix: Solid

Analysis Batch: 220276

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte		Spike	LCS	LCS	Unit	D	%Rec	%Rec.
		Added	Result	Qualifier				
GRO (C4-C12)		1600	1510		ug/Kg		95	70 - 135
<hr/>								
Surrogate		LCS	LCS	Limits	RPD	Limit	%Rec.	Client Sample ID: Lab Control Sample Dup
		%Recovery	Qualifier					
4-Bromofluorobenzene (Surr)		100		65 - 140				Prep Type: Total/NA

Lab Sample ID: LCSD 440-220276/42

Matrix: Solid

Analysis Batch: 220276

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte		Spike	LCSD	LCSD	Unit	D	%Rec	%Rec.		
		Added	Result	Qualifier						
GRO (C4-C12)		1600	1540		ug/Kg		96	70 - 135		
<hr/>										
Surrogate		LCSD	LCSD	Limits	RPD	Limit	%Rec.	Client Sample ID: SACA1121SS014		
		%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)		102		65 - 140				Prep Type: Total/NA		

Lab Sample ID: 440-94032-26 MS

Matrix: Solid

Analysis Batch: 220276

Client Sample ID: SACA1121SS014
Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				
GRO (C4-C12)	ND		1590	1140		ug/Kg	⊗	72	60 - 140
<hr/>									
Surrogate	MS	MS	Limits	RPD	Limit	%Rec.	Client Sample ID: SACA1121SS014	Prep Type: Total/NA	
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	82		65 - 140					Prep Type: Total/NA	

Lab Sample ID: 440-94032-26 MSD

Matrix: Solid

Analysis Batch: 220276

Client Sample ID: SACA1121SS014
Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				
GRO (C4-C12)	ND		1590	1150		ug/Kg	⊗	72	60 - 140
<hr/>									
Surrogate	MSD	MSD	Limits	RPD	Limit	%Rec.	Client Sample ID: SACA1121SS014	Prep Type: Total/NA	
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	84		65 - 140					Prep Type: Total/NA	

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 440-220266/1-A

Matrix: Solid

Analysis Batch: 220186

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 220266

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
C13-C22	ND		5.0		mg/Kg		11/21/14 16:53	11/21/14 20:35	1
C23-C40	ND		5.0		mg/Kg		11/21/14 16:53	11/21/14 20:35	1

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 440-220266/1-A

Matrix: Solid

Analysis Batch: 220186

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 220266

Surrogate	MB	MB	%Recovery	Qualifier	Limits
n-Octacosane			92		40 - 140

Prepared 11/21/14 16:53 **Analyzed** 11/21/14 20:35 **Dil Fac** 1

Lab Sample ID: LCS 440-220266/2-A

Matrix: Solid

Analysis Batch: 220186

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 220266

Analyte	Spike	LCS	LCS	Unit	D	%Rec.	Limits
	Added	Result	Qualifier				
C10-C28	66.7	59.2		mg/Kg		89	45 - 115
Surrogate	LCS	LCS					
n-Octacosane	85						

Lab Sample ID: 440-93872-B-1-A MS

Matrix: Solid

Analysis Batch: 220170

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 220266

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier				
C10-C28	56		64.9	86.8		mg/Kg		47	40 - 120
Surrogate	MS	MS							
n-Octacosane	112								

Lab Sample ID: 440-93872-B-1-B MSD

Matrix: Solid

Analysis Batch: 220170

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 220266

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec.	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
C10-C28	56		64.9	176	F1 F2	mg/Kg		184	40 - 120	68	30
Surrogate	MSD	MSD									
n-Octacosane	87										

Lab Sample ID: MB 440-220325/1-A

Matrix: Solid

Analysis Batch: 220186

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 220325

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND				5.0		mg/Kg		11/21/14 21:51	11/22/14 01:43	1
C23-C40	ND				5.0		mg/Kg		11/21/14 21:51	11/22/14 01:43	1
Surrogate	MB	MB									
n-Octacosane	85				40 - 140				11/21/14 21:51	11/22/14 01:43	1

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 440-220325/2-A

Matrix: Solid

Analysis Batch: 220186

Analyte	Spike		LCS Result	LCS Qualifier	Unit	D	%Rec.	
	Added	%					%Rec.	Limits
C10-C28	66.7		50.3		mg/Kg	75	45 - 115	
Surrogate								
n-Octacosane	73		40 - 140					

Lab Sample ID: 440-94032-5 MS

Matrix: Solid

Analysis Batch: 220186

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec.	
	Result	Qualifier	Added	Result	Qualifier			%Rec.	Limits
C10-C28	13		71.8	69.6		mg/Kg	⊗	79	40 - 120
Surrogate									
n-Octacosane	59		40 - 140						

Lab Sample ID: 440-94032-5 MSD

Matrix: Solid

Analysis Batch: 220186

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec.		RPD	Limit
	Result	Qualifier	Added	Result	Qualifier			%Rec.	Limits	RPD	Limit
C10-C28	13		71.1	68.1		mg/Kg	⊗	78	40 - 120	2	30
Surrogate											
n-Octacosane	61		40 - 140								

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 440-220327/1-A ^5

Matrix: Solid

Analysis Batch: 220403

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	ND		10		mg/Kg		11/21/14 21:58	11/22/14 11:03	5
Arsenic	ND		3.0		mg/Kg		11/21/14 21:58	11/22/14 11:03	5
Barium	ND		1.5		mg/Kg		11/21/14 21:58	11/22/14 11:03	5
Beryllium	ND		0.50		mg/Kg		11/21/14 21:58	11/22/14 11:03	5
Cadmium	ND		0.50		mg/Kg		11/21/14 21:58	11/22/14 11:03	5
Chromium	ND		1.0		mg/Kg		11/21/14 21:58	11/22/14 11:03	5
Cobalt	ND		1.0		mg/Kg		11/21/14 21:58	11/22/14 11:03	5
Copper	ND		2.0		mg/Kg		11/21/14 21:58	11/22/14 11:03	5
Lead	ND		2.0		mg/Kg		11/21/14 21:58	11/22/14 11:03	5
Molybdenum	ND		2.0		mg/Kg		11/21/14 21:58	11/22/14 11:03	5
Nickel	ND		2.0		mg/Kg		11/21/14 21:58	11/22/14 11:03	5
Selenium	ND		3.0		mg/Kg		11/21/14 21:58	11/22/14 11:03	5
Thallium	ND		10		mg/Kg		11/21/14 21:58	11/22/14 11:03	5
Vanadium	ND		1.0		mg/Kg		11/21/14 21:58	11/22/14 11:03	5
Zinc	ND		5.0		mg/Kg		11/21/14 21:58	11/22/14 11:03	5

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 440-220327/1-A ^5

Matrix: Solid

Analysis Batch: 220403

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 220327

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	ND	1.5							mg/Kg	11/21/14 21:58	11/22/14 11:03
Silver											

Lab Sample ID: LCS 440-220327/2-A ^5

Matrix: Solid

Analysis Batch: 220403

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 220327

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	Limits
		Result	Qualifier				
Antimony	49.5	48.3		mg/Kg		98	80 - 120
Arsenic	49.5	49.0		mg/Kg		99	80 - 120
Barium	49.5	47.8		mg/Kg		96	80 - 120
Beryllium	49.5	46.8		mg/Kg		95	80 - 120
Cadmium	49.5	45.3		mg/Kg		91	80 - 120
Chromium	49.5	49.3		mg/Kg		100	80 - 120
Cobalt	49.5	48.9		mg/Kg		99	80 - 120
Copper	49.5	47.8		mg/Kg		97	80 - 120
Lead	49.5	47.6		mg/Kg		96	80 - 120
Molybdenum	49.5	47.0		mg/Kg		95	80 - 120
Nickel	49.5	50.0		mg/Kg		101	80 - 120
Selenium	49.5	40.8		mg/Kg		82	80 - 120
Thallium	49.5	47.9		mg/Kg		97	80 - 120
Vanadium	49.5	48.0		mg/Kg		97	80 - 120
Zinc	49.5	48.5		mg/Kg		98	80 - 120
Silver	24.8	24.1		mg/Kg		97	80 - 120

Lab Sample ID: 440-94032-5 MS

Matrix: Solid

Analysis Batch: 220403

Client Sample ID: SACA1121SS016

Prep Type: Total/NA

Prep Batch: 220327

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier				
Antimony	ND		53.6	47.2		mg/Kg	⊗	88	75 - 125
Arsenic	6.1		53.6	57.4		mg/Kg	⊗	96	75 - 125
Barium	150		53.6	211		mg/Kg	⊗	116	75 - 125
Beryllium	0.70		53.6	47.9		mg/Kg	⊗	88	75 - 125
Cadmium	1.4		53.6	46.3		mg/Kg	⊗	84	75 - 125
Chromium	35		53.6	90.1		mg/Kg	⊗	103	75 - 125
Cobalt	7.2		53.6	56.5		mg/Kg	⊗	92	75 - 125
Copper	31		53.6	83.5		mg/Kg	⊗	98	75 - 125
Lead	9.4		53.6	58.4		mg/Kg	⊗	92	75 - 125
Molybdenum	2.9		53.6	49.9		mg/Kg	⊗	88	75 - 125
Nickel	36		53.6	90.1		mg/Kg	⊗	101	75 - 125
Selenium	ND		53.6	42.7		mg/Kg	⊗	80	75 - 125
Thallium			53.6	46.5		mg/Kg	⊗	87	75 - 125
Vanadium	56		53.6	122		mg/Kg	⊗	123	75 - 125
Zinc	79		53.6	130		mg/Kg	⊗	95	75 - 125
Silver	ND		26.8	25.1		mg/Kg	⊗	94	75 - 125

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 440-94032-5 MSD

Matrix: Solid

Analysis Batch: 220403

Client Sample ID: SACA1121SS016

Prep Type: Total/NA

Prep Batch: 220327

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier							
Antimony	ND		53.6	47.7		mg/Kg	⊗	89	75 - 125	1	20	6
Arsenic	6.1		53.6	58.4		mg/Kg	⊗	98	75 - 125	2	20	7
Barium	150		53.6	213		mg/Kg	⊗	118	75 - 125	1	20	8
Beryllium	0.70		53.6	49.5		mg/Kg	⊗	91	75 - 125	3	20	9
Cadmium	1.4		53.6	47.3		mg/Kg	⊗	86	75 - 125	2	20	10
Chromium	35		53.6	90.1		mg/Kg	⊗	103	75 - 125	0	20	11
Cobalt	7.2		53.6	56.8		mg/Kg	⊗	93	75 - 125	1	20	12
Copper	31		53.6	85.9		mg/Kg	⊗	103	75 - 125	3	20	13
Lead	9.4		53.6	59.7		mg/Kg	⊗	94	75 - 125	2	20	14
Molybdenum	2.9		53.6	50.2		mg/Kg	⊗	88	75 - 125	0	20	15
Nickel	36		53.6	90.3		mg/Kg	⊗	101	75 - 125	0	20	16
Selenium	ND		53.6	42.8		mg/Kg	⊗	80	75 - 125	0	20	17
Thallium	ND		53.6	45.3		mg/Kg	⊗	85	75 - 125	3	20	18
Vanadium	56		53.6	120		mg/Kg	⊗	120	75 - 125	1	20	19
Zinc	79		53.6	133		mg/Kg	⊗	101	75 - 125	2	20	20
Silver	ND		26.8	25.7		mg/Kg	⊗	96	75 - 125	2	20	21

Lab Sample ID: MB 440-220331/1-A ^5

Matrix: Solid

Analysis Batch: 220391

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 220331

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	ND		10		mg/Kg		11/21/14 22:11	11/22/14 10:16	5
Arsenic	ND		3.0		mg/Kg		11/21/14 22:11	11/22/14 10:16	5
Barium	ND		1.5		mg/Kg		11/21/14 22:11	11/22/14 10:16	5
Beryllium	ND		0.50		mg/Kg		11/21/14 22:11	11/22/14 10:16	5
Cadmium	ND		0.50		mg/Kg		11/21/14 22:11	11/22/14 10:16	5
Chromium	ND		1.0		mg/Kg		11/21/14 22:11	11/22/14 10:16	5
Cobalt	ND		1.0		mg/Kg		11/21/14 22:11	11/22/14 10:16	5
Copper	ND		2.0		mg/Kg		11/21/14 22:11	11/22/14 10:16	5
Lead	ND		2.0		mg/Kg		11/21/14 22:11	11/22/14 10:16	5
Molybdenum	ND		2.0		mg/Kg		11/21/14 22:11	11/22/14 10:16	5
Nickel	ND		2.0		mg/Kg		11/21/14 22:11	11/22/14 10:16	5
Selenium	ND		3.0		mg/Kg		11/21/14 22:11	11/22/14 10:16	5
Thallium	ND		10		mg/Kg		11/21/14 22:11	11/22/14 10:16	5
Vanadium	ND		1.0		mg/Kg		11/21/14 22:11	11/22/14 10:16	5
Zinc	ND		5.0		mg/Kg		11/21/14 22:11	11/22/14 10:16	5
Silver	ND		1.5		mg/Kg		11/21/14 22:11	11/22/14 10:16	5

Lab Sample ID: LCS 440-220331/2-A ^5

Matrix: Solid

Analysis Batch: 220391

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 220331

Analyte	Spike	LCS	LCS	Unit	D	%Rec	Limits
	Added	Result	Qualifier				
Antimony	49.5	48.9		mg/Kg		99	80 - 120
Arsenic	49.5	46.8		mg/Kg		95	80 - 120
Barium	49.5	48.0		mg/Kg		97	80 - 120
Beryllium	49.5	47.0		mg/Kg		95	80 - 120

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 440-220331/2-A ^5

Matrix: Solid

Analysis Batch: 220391

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 220331

Analyte	Spike Added	LCS		Unit	D	%Rec	Limits	%Rec.
		Result	Qualifier					
Cadmium	49.5	46.2		mg/Kg		93	80 - 120	
Chromium	49.5	51.1		mg/Kg		103	80 - 120	
Cobalt	49.5	50.0		mg/Kg		101	80 - 120	
Copper	49.5	47.6		mg/Kg		96	80 - 120	
Lead	49.5	47.7		mg/Kg		96	80 - 120	
Molybdenum	49.5	47.5		mg/Kg		96	80 - 120	
Nickel	49.5	50.7		mg/Kg		102	80 - 120	
Selenium	49.5	41.0		mg/Kg		83	80 - 120	
Thallium	49.5	48.0		mg/Kg		97	80 - 120	
Vanadium	49.5	48.1		mg/Kg		97	80 - 120	
Zinc	49.5	45.1		mg/Kg		91	80 - 120	
Silver	24.8	24.2		mg/Kg		98	80 - 120	

Lab Sample ID: 440-94008-A-1-D MS ^5

Matrix: Solid

Analysis Batch: 220391

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 220331

Analyte	Sample	Sample	Spike	MS		Unit	D	%Rec	Limits	%Rec.
	Result	Qualifier	Added	Result	Qualifier					
Antimony	ND		49.8	44.8		mg/Kg		90	75 - 125	
Arsenic	3.1		49.8	46.4		mg/Kg		87	75 - 125	
Barium	100		49.8	145		mg/Kg		87	75 - 125	
Beryllium	ND		49.8	46.5		mg/Kg		93	75 - 125	
Cadmium	ND		49.8	44.6		mg/Kg		89	75 - 125	
Chromium	22		49.8	71.1		mg/Kg		99	75 - 125	
Cobalt	8.2		49.8	54.7		mg/Kg		93	75 - 125	
Copper	16		49.8	63.2		mg/Kg		95	75 - 125	
Lead	4.4		49.8	50.8		mg/Kg		93	75 - 125	
Molybdenum	ND		49.8	45.3		mg/Kg		91	75 - 125	
Nickel	14		49.8	62.9		mg/Kg		98	75 - 125	
Selenium	ND		49.8	40.1		mg/Kg		81	75 - 125	
Thallium	ND		49.8	45.3		mg/Kg		91	75 - 125	
Vanadium	32		49.8	77.6		mg/Kg		91	75 - 125	
Zinc	48		49.8	91.3		mg/Kg		87	75 - 125	
Silver	ND		24.9	24.1		mg/Kg		97	75 - 125	

Lab Sample ID: 440-94008-A-1-E MSD ^5

Matrix: Solid

Analysis Batch: 220391

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 220331

Analyte	Sample	Sample	Spike	MSD		Unit	D	%Rec	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Antimony	ND		49.8	42.9		mg/Kg		86	75 - 125	4	20
Arsenic	3.1		49.8	47.6		mg/Kg		89	75 - 125	2	20
Barium	100		49.8	141		mg/Kg		78	75 - 125	3	20
Beryllium	ND		49.8	46.3		mg/Kg		92	75 - 125	0	20
Cadmium	ND		49.8	44.8		mg/Kg		90	75 - 125	1	20
Chromium	22		49.8	71.1		mg/Kg		98	75 - 125	0	20
Cobalt	8.2		49.8	55.0		mg/Kg		94	75 - 125	1	20
Copper	16		49.8	62.4		mg/Kg		94	75 - 125	1	20
Lead	4.4		49.8	51.0		mg/Kg		94	75 - 125	0	20

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 440-94008-A-1-E MSD ^5

Matrix: Solid

Analysis Batch: 220391

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 220331

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier							
Molybdenum	ND		49.8	45.5		mg/Kg		92	75 - 125	0	20	
Nickel	14		49.8	62.5		mg/Kg		97	75 - 125	1	20	
Selenium	ND		49.8	39.4		mg/Kg		79	75 - 125	2	20	
Thallium	ND		49.8	47.2		mg/Kg		95	75 - 125	4	20	
Vanadium	32		49.8	77.7		mg/Kg		92	75 - 125	0	20	
Zinc	48		49.8	80.2	F1	mg/Kg		65	75 - 125	13	20	
Silver	ND		24.9	24.2		mg/Kg		97	75 - 125	1	20	

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 440-220329/1-A

Matrix: Solid

Analysis Batch: 220355

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 220329

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	ND		0.020		mg/Kg		11/21/14 22:02	11/22/14 06:50	1

Lab Sample ID: LCS 440-220329/2-A

Matrix: Solid

Analysis Batch: 220355

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 220329

Analyte	Sample	Sample	Spike	LCS	LCS	Unit	D	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier				
Mercury			0.800	0.795		mg/Kg		99	80 - 120

Lab Sample ID: 440-94032-5 MS

Matrix: Solid

Analysis Batch: 220355

Client Sample ID: SACA1121SS016

Prep Type: Total/NA

Prep Batch: 220329

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier				
Mercury	0.025		0.865	0.985		mg/Kg	⊗	111	70 - 130

Lab Sample ID: 440-94032-5 MSD

Matrix: Solid

Analysis Batch: 220355

Client Sample ID: SACA1121SS016

Prep Type: Total/NA

Prep Batch: 220329

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier				
Mercury	0.025		0.848	0.992		mg/Kg	⊗	114	70 - 130

Lab Sample ID: MB 440-220333/1-A

Matrix: Solid

Analysis Batch: 220344

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 220333

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	ND		0.020		mg/Kg		11/21/14 22:20	11/22/14 02:22	1

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Method: 7471A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 440-220333/2-A

Matrix: Solid

Analysis Batch: 220344

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec.
		Result	Qualifier				
Mercury	0.800	0.704		mg/Kg		88	80 - 120

Lab Sample ID: 440-94032-17 MS

Matrix: Solid

Analysis Batch: 220344

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				
Mercury	0.044		0.812	0.888		mg/Kg	⊗	104	70 - 130

Lab Sample ID: 440-94032-17 MSD

Matrix: Solid

Analysis Batch: 220344

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier						
Mercury	0.044		0.812	0.900		mg/Kg	⊗	105	70 - 130	1	20

Method: Moisture - Percent Moisture

Lab Sample ID: 440-94032-5 DU

Matrix: Solid

Analysis Batch: 225347

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	RPD
	Result	Qualifier	Result	Qualifier				
Percent Moisture	7.6		7.4		%		3	20
Percent Solids	92		93		%		0.2	20

Lab Sample ID: 440-96892-A-8 DU

Matrix: Solid

Analysis Batch: 225349

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	RPD
	Result	Qualifier	Result	Qualifier				
Percent Moisture	9.3		9.1		%		3	20
Percent Solids	91		91		%		0.3	20

Client Sample ID: SACA1121SS016

Prep Type: Total/NA

Client Sample ID: Duplicate

Prep Type: Total/NA

QC Association Summary

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

GC/MS VOA

Analysis Batch: 220290

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94032-5	SACA1121SS016	Total/NA	Solid	8260B	
440-94032-5 MS	SACA1121SS016	Total/NA	Solid	8260B	
440-94032-5 MSD	SACA1121SS016	Total/NA	Solid	8260B	
440-94032-17	SACA1121SS008	Total/NA	Solid	8260B	
440-94032-19	SACA1121SS007	Total/NA	Solid	8260B	
440-94032-20	SACA1121SS006	Total/NA	Solid	8260B	
440-94032-21	SACA1121SS005	Total/NA	Solid	8260B	
440-94032-22	SACA1121SS004	Total/NA	Solid	8260B	
440-94032-23	SACA1121DD001	Total/NA	Solid	8260B	
440-94032-24	SACA1121SS003	Total/NA	Solid	8260B	
440-94032-25	SACA1121SS002	Total/NA	Solid	8260B	
440-94032-26	SACA1121SS014	Total/NA	Solid	8260B	
LCS 440-220290/4	Lab Control Sample	Total/NA	Solid	8260B	
MB 440-220290/3	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 220293

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-93520-A-1 MS	Matrix Spike	Total/NA	Water	8260B	
440-93520-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
440-94032-28	SACA1121TB002	Total/NA	Water	8260B	
440-94032-29	SACA1121TB003	Total/NA	Water	8260B	
440-94032-30	SACA1121TB001	Total/NA	Water	8260B	
LCS 440-220293/5	Lab Control Sample	Total/NA	Water	8260B	
MB 440-220293/4	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 220295

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-93694-A-15 MS	Matrix Spike	Total/NA	Solid	8260B	
440-93694-A-15 MSD	Matrix Spike Duplicate	Total/NA	Solid	8260B	
440-94032-1	SACA1121SS020	Total/NA	Solid	8260B	
440-94032-2	SACA1121SS019	Total/NA	Solid	8260B	
440-94032-3	SACA1121SS018	Total/NA	Solid	8260B	
440-94032-10	SACA1121SS001	Total/NA	Solid	8260B	
440-94032-11	SACA1121SS012	Total/NA	Solid	8260B	
440-94032-13	SACA1121DD011	Total/NA	Solid	8260B	
440-94032-14	SACA1121SS013	Total/NA	Solid	8260B	
440-94032-15	SACA1121SS010	Total/NA	Solid	8260B	
440-94032-27	SACA1121SS015	Total/NA	Solid	8260B	
LCS 440-220295/4	Lab Control Sample	Total/NA	Solid	8260B	
MB 440-220295/3	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 220361

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-93713-A-2 MS	Matrix Spike	Total/NA	Solid	8260B	
440-93713-A-2 MSD	Matrix Spike Duplicate	Total/NA	Solid	8260B	
440-94032-4	SACA1121SS017	Total/NA	Solid	8260B	
440-94032-12	SACA1121SS011	Total/NA	Solid	8260B	
440-94032-16	SACA1121SS009	Total/NA	Solid	8260B	
LCS 440-220361/4	Lab Control Sample	Total/NA	Solid	8260B	
MB 440-220361/3	Method Blank	Total/NA	Solid	8260B	

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QC Association Summary

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

GC/MS VOA (Continued)

Analysis Batch: 220364

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-93676-B-7 MS	Matrix Spike	Total/NA	Water	8260B	
440-93676-B-7 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
440-94032-28 - RA	SACA1121TB002	Total/NA	Water	8260B	
440-94032-29 - RA	SACA1121TB003	Total/NA	Water	8260B	
LCS 440-220364/6	Lab Control Sample	Total/NA	Water	8260B	
MB 440-220364/5	Method Blank	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 220274

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-93948-H-17-I MS	Matrix Spike	Total/NA	Solid	3546	
440-93948-H-17-J MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	
440-94032-24	SACA1121SS003	Total/NA	Solid	3546	
440-94032-25	SACA1121SS002	Total/NA	Solid	3546	
440-94032-26	SACA1121SS014	Total/NA	Solid	3546	
440-94032-27	SACA1121SS015	Total/NA	Solid	3546	
LCS 440-220274/2-A	Lab Control Sample	Total/NA	Solid	3546	
MB 440-220274/1-A	Method Blank	Total/NA	Solid	3546	

Prep Batch: 220326

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94032-1	SACA1121SS020	Total/NA	Solid	3546	
440-94032-2	SACA1121SS019	Total/NA	Solid	3546	
440-94032-3	SACA1121SS018	Total/NA	Solid	3546	
440-94032-4	SACA1121SS017	Total/NA	Solid	3546	
440-94032-5	SACA1121SS016	Total/NA	Solid	3546	
440-94032-5 MS	SACA1121SS016	Total/NA	Solid	3546	
440-94032-5 MSD	SACA1121SS016	Total/NA	Solid	3546	
440-94032-10	SACA1121SS001	Total/NA	Solid	3546	
440-94032-11	SACA1121SS012	Total/NA	Solid	3546	
440-94032-12	SACA1121SS011	Total/NA	Solid	3546	
440-94032-13	SACA1121DD011	Total/NA	Solid	3546	
440-94032-14	SACA1121SS013	Total/NA	Solid	3546	
440-94032-15	SACA1121SS010	Total/NA	Solid	3546	
440-94032-16	SACA1121SS009	Total/NA	Solid	3546	
440-94032-17	SACA1121SS008	Total/NA	Solid	3546	
440-94032-19	SACA1121SS007	Total/NA	Solid	3546	
440-94032-20	SACA1121SS006	Total/NA	Solid	3546	
440-94032-21	SACA1121SS005	Total/NA	Solid	3546	
440-94032-22	SACA1121SS004	Total/NA	Solid	3546	
440-94032-23	SACA1121DD001	Total/NA	Solid	3546	
LCS 440-220326/2-A	Lab Control Sample	Total/NA	Solid	3546	
MB 440-220326/1-A	Method Blank	Total/NA	Solid	3546	

Analysis Batch: 220337

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-93948-H-17-I MS	Matrix Spike	Total/NA	Solid	8270C	220274
440-93948-H-17-J MSD	Matrix Spike Duplicate	Total/NA	Solid	8270C	220274
440-94032-1	SACA1121SS020	Total/NA	Solid	8270C	220326

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QC Association Summary

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

GC/MS Semi VOA (Continued)

Analysis Batch: 220337 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94032-2	SACA1121SS019	Total/NA	Solid	8270C	220326
440-94032-3	SACA1121SS018	Total/NA	Solid	8270C	220326
440-94032-4	SACA1121SS017	Total/NA	Solid	8270C	220326
440-94032-5	SACA1121SS016	Total/NA	Solid	8270C	220326
440-94032-5 MS	SACA1121SS016	Total/NA	Solid	8270C	220326
440-94032-5 MSD	SACA1121SS016	Total/NA	Solid	8270C	220326
440-94032-10	SACA1121SS001	Total/NA	Solid	8270C	220326
440-94032-11	SACA1121SS012	Total/NA	Solid	8270C	220326
440-94032-12	SACA1121SS011	Total/NA	Solid	8270C	220326
440-94032-13	SACA1121DD011	Total/NA	Solid	8270C	220326
440-94032-14	SACA1121SS013	Total/NA	Solid	8270C	220326
440-94032-15	SACA1121SS010	Total/NA	Solid	8270C	220326
440-94032-16	SACA1121SS009	Total/NA	Solid	8270C	220326
440-94032-17	SACA1121SS008	Total/NA	Solid	8270C	220326
440-94032-19	SACA1121SS007	Total/NA	Solid	8270C	220326
440-94032-20	SACA1121SS006	Total/NA	Solid	8270C	220326
440-94032-21	SACA1121SS005	Total/NA	Solid	8270C	220326
440-94032-22	SACA1121SS004	Total/NA	Solid	8270C	220326
440-94032-23	SACA1121DD001	Total/NA	Solid	8270C	220326
440-94032-24	SACA1121SS003	Total/NA	Solid	8270C	220274
440-94032-25	SACA1121SS002	Total/NA	Solid	8270C	220274
440-94032-26	SACA1121SS014	Total/NA	Solid	8270C	220274
440-94032-27	SACA1121SS015	Total/NA	Solid	8270C	220274
LCS 440-220274/2-A	Lab Control Sample	Total/NA	Solid	8270C	220274
LCS 440-220326/2-A	Lab Control Sample	Total/NA	Solid	8270C	220326
MB 440-220274/1-A	Method Blank	Total/NA	Solid	8270C	220274
MB 440-220326/1-A	Method Blank	Total/NA	Solid	8270C	220326

Analysis Batch: 220411

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94032-1	SACA1121SS020	Total/NA	Solid	8270C	220326
440-94032-2	SACA1121SS019	Total/NA	Solid	8270C	220326
440-94032-14	SACA1121SS013	Total/NA	Solid	8270C	220326
440-94032-17	SACA1121SS008	Total/NA	Solid	8270C	220326
440-94032-19	SACA1121SS007	Total/NA	Solid	8270C	220326
440-94032-20	SACA1121SS006	Total/NA	Solid	8270C	220326
440-94032-21	SACA1121SS005	Total/NA	Solid	8270C	220326
440-94032-22	SACA1121SS004	Total/NA	Solid	8270C	220326
440-94032-23	SACA1121DD001	Total/NA	Solid	8270C	220326
440-94032-24	SACA1121SS003	Total/NA	Solid	8270C	220274
440-94032-25	SACA1121SS002	Total/NA	Solid	8270C	220274
440-94032-26	SACA1121SS014	Total/NA	Solid	8270C	220274
440-94032-27	SACA1121SS015	Total/NA	Solid	8270C	220274

GC VOA

Analysis Batch: 220208

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94032-1	SACA1121SS020	Total/NA	Solid	8015B	
440-94032-2	SACA1121SS019	Total/NA	Solid	8015B	

TestAmerica Irvine

QC Association Summary

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

GC VOA (Continued)

Analysis Batch: 220208 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94032-3	SACA1121SS018	Total/NA	Solid	8015B	
440-94032-4	SACA1121SS017	Total/NA	Solid	8015B	
440-94032-5	SACA1121SS016	Total/NA	Solid	8015B	
440-94032-5 MS	SACA1121SS016	Total/NA	Solid	8015B	
440-94032-5 MSD	SACA1121SS016	Total/NA	Solid	8015B	
440-94032-10	SACA1121SS001	Total/NA	Solid	8015B	
440-94032-11	SACA1121SS012	Total/NA	Solid	8015B	
440-94032-12	SACA1121SS011	Total/NA	Solid	8015B	
440-94032-13	SACA1121DD011	Total/NA	Solid	8015B	
440-94032-14	SACA1121SS013	Total/NA	Solid	8015B	
440-94032-15	SACA1121SS010	Total/NA	Solid	8015B	
440-94032-16	SACA1121SS009	Total/NA	Solid	8015B	
440-94032-17	SACA1121SS008	Total/NA	Solid	8015B	
440-94032-19	SACA1121SS007	Total/NA	Solid	8015B	
440-94032-20	SACA1121SS006	Total/NA	Solid	8015B	
440-94032-21	SACA1121SS005	Total/NA	Solid	8015B	
440-94032-22	SACA1121SS004	Total/NA	Solid	8015B	
440-94032-23	SACA1121DD001	Total/NA	Solid	8015B	
440-94032-24	SACA1121SS003	Total/NA	Solid	8015B	
440-94032-25	SACA1121SS002	Total/NA	Solid	8015B	
LCS 440-220208/4	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 440-220208/26	Lab Control Sample Dup	Total/NA	Solid	8015B	
MB 440-220208/27	Method Blank	Total/NA	Solid	8015B	

Analysis Batch: 220276

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94032-26	SACA1121SS014	Total/NA	Solid	8015B	
440-94032-26 MS	SACA1121SS014	Total/NA	Solid	8015B	
440-94032-26 MSD	SACA1121SS014	Total/NA	Solid	8015B	
440-94032-27	SACA1121SS015	Total/NA	Solid	8015B	
LCS 440-220276/41	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 440-220276/42	Lab Control Sample Dup	Total/NA	Solid	8015B	
MB 440-220276/43	Method Blank	Total/NA	Solid	8015B	

GC Semi VOA

Analysis Batch: 220170

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-93872-B-1-A MS	Matrix Spike	Total/NA	Solid	8015B	220266
440-93872-B-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B	220266

Analysis Batch: 220186

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94032-1	SACA1121SS020	Total/NA	Solid	8015B	220325
440-94032-2	SACA1121SS019	Total/NA	Solid	8015B	220325
440-94032-3	SACA1121SS018	Total/NA	Solid	8015B	220325
440-94032-4	SACA1121SS017	Total/NA	Solid	8015B	220325
440-94032-5	SACA1121SS016	Total/NA	Solid	8015B	220325
440-94032-5 MS	SACA1121SS016	Total/NA	Solid	8015B	220325
440-94032-5 MSD	SACA1121SS016	Total/NA	Solid	8015B	220325

TestAmerica Irvine

QC Association Summary

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

GC Semi VOA (Continued)

Analysis Batch: 220186 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94032-10	SACA1121SS001	Total/NA	Solid	8015B	220325
440-94032-11	SACA1121SS012	Total/NA	Solid	8015B	220325
440-94032-14	SACA1121SS013	Total/NA	Solid	8015B	220325
440-94032-20	SACA1121SS006	Total/NA	Solid	8015B	220325
440-94032-22	SACA1121SS004	Total/NA	Solid	8015B	220325
440-94032-23	SACA1121DD001	Total/NA	Solid	8015B	220325
440-94032-26	SACA1121SS014	Total/NA	Solid	8015B	220266
LCS 440-220266/2-A	Lab Control Sample	Total/NA	Solid	8015B	220266
LCS 440-220325/2-A	Lab Control Sample	Total/NA	Solid	8015B	220325
MB 440-220266/1-A	Method Blank	Total/NA	Solid	8015B	220266
MB 440-220325/1-A	Method Blank	Total/NA	Solid	8015B	220325

Analysis Batch: 220187

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94032-12	SACA1121SS011	Total/NA	Solid	8015B	220325
440-94032-13	SACA1121DD011	Total/NA	Solid	8015B	220325
440-94032-15	SACA1121SS010	Total/NA	Solid	8015B	220325
440-94032-16	SACA1121SS009	Total/NA	Solid	8015B	220325
440-94032-17	SACA1121SS008	Total/NA	Solid	8015B	220325
440-94032-19	SACA1121SS007	Total/NA	Solid	8015B	220325
440-94032-21	SACA1121SS005	Total/NA	Solid	8015B	220325
440-94032-24	SACA1121SS003	Total/NA	Solid	8015B	220266
440-94032-25	SACA1121SS002	Total/NA	Solid	8015B	220266
440-94032-27	SACA1121SS015	Total/NA	Solid	8015B	220266

Prep Batch: 220266

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-93872-B-1-A MS	Matrix Spike	Total/NA	Solid	3546	
440-93872-B-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	
440-94032-24	SACA1121SS003	Total/NA	Solid	3546	
440-94032-25	SACA1121SS002	Total/NA	Solid	3546	
440-94032-26	SACA1121SS014	Total/NA	Solid	3546	
440-94032-27	SACA1121SS015	Total/NA	Solid	3546	
LCS 440-220266/2-A	Lab Control Sample	Total/NA	Solid	3546	
MB 440-220266/1-A	Method Blank	Total/NA	Solid	3546	

Prep Batch: 220325

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94032-1	SACA1121SS020	Total/NA	Solid	3546	
440-94032-2	SACA1121SS019	Total/NA	Solid	3546	
440-94032-3	SACA1121SS018	Total/NA	Solid	3546	
440-94032-4	SACA1121SS017	Total/NA	Solid	3546	
440-94032-5	SACA1121SS016	Total/NA	Solid	3546	
440-94032-5 MS	SACA1121SS016	Total/NA	Solid	3546	
440-94032-5 MSD	SACA1121SS016	Total/NA	Solid	3546	
440-94032-10	SACA1121SS001	Total/NA	Solid	3546	
440-94032-11	SACA1121SS012	Total/NA	Solid	3546	
440-94032-12	SACA1121SS011	Total/NA	Solid	3546	
440-94032-13	SACA1121DD011	Total/NA	Solid	3546	
440-94032-14	SACA1121SS013	Total/NA	Solid	3546	
440-94032-15	SACA1121SS010	Total/NA	Solid	3546	

TestAmerica Irvine

QC Association Summary

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

GC Semi VOA (Continued)

Prep Batch: 220325 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94032-16	SACA1121SS009	Total/NA	Solid	3546	
440-94032-17	SACA1121SS008	Total/NA	Solid	3546	
440-94032-19	SACA1121SS007	Total/NA	Solid	3546	
440-94032-20	SACA1121SS006	Total/NA	Solid	3546	
440-94032-21	SACA1121SS005	Total/NA	Solid	3546	
440-94032-22	SACA1121SS004	Total/NA	Solid	3546	
440-94032-23	SACA1121DD001	Total/NA	Solid	3546	
LCS 440-220325/2-A	Lab Control Sample	Total/NA	Solid	3546	
MB 440-220325/1-A	Method Blank	Total/NA	Solid	3546	

Metals

Prep Batch: 220327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94032-1	SACA1121SS020	Total/NA	Solid	3050B	
440-94032-2	SACA1121SS019	Total/NA	Solid	3050B	
440-94032-3	SACA1121SS018	Total/NA	Solid	3050B	
440-94032-4	SACA1121SS017	Total/NA	Solid	3050B	
440-94032-5	SACA1121SS016	Total/NA	Solid	3050B	
440-94032-5 MS	SACA1121SS016	Total/NA	Solid	3050B	
440-94032-5 MSD	SACA1121SS016	Total/NA	Solid	3050B	
440-94032-10	SACA1121SS001	Total/NA	Solid	3050B	
440-94032-11	SACA1121SS012	Total/NA	Solid	3050B	
440-94032-12	SACA1121SS011	Total/NA	Solid	3050B	
440-94032-13	SACA1121DD011	Total/NA	Solid	3050B	
440-94032-14	SACA1121SS013	Total/NA	Solid	3050B	
440-94032-15	SACA1121SS010	Total/NA	Solid	3050B	
440-94032-16	SACA1121SS009	Total/NA	Solid	3050B	
440-94032-17	SACA1121SS008	Total/NA	Solid	3050B	
440-94032-19	SACA1121SS007	Total/NA	Solid	3050B	
440-94032-20	SACA1121SS006	Total/NA	Solid	3050B	
440-94032-21	SACA1121SS005	Total/NA	Solid	3050B	
440-94032-22	SACA1121SS004	Total/NA	Solid	3050B	
440-94032-23	SACA1121DD001	Total/NA	Solid	3050B	
440-94032-24	SACA1121SS003	Total/NA	Solid	3050B	
440-94032-25	SACA1121SS002	Total/NA	Solid	3050B	
LCS 440-220327/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
MB 440-220327/1-A ^5	Method Blank	Total/NA	Solid	3050B	

Prep Batch: 220329

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94032-1	SACA1121SS020	Total/NA	Solid	7471A	
440-94032-2	SACA1121SS019	Total/NA	Solid	7471A	
440-94032-3	SACA1121SS018	Total/NA	Solid	7471A	
440-94032-4	SACA1121SS017	Total/NA	Solid	7471A	
440-94032-5	SACA1121SS016	Total/NA	Solid	7471A	
440-94032-5 MS	SACA1121SS016	Total/NA	Solid	7471A	
440-94032-5 MSD	SACA1121SS016	Total/NA	Solid	7471A	
440-94032-10	SACA1121SS001	Total/NA	Solid	7471A	
440-94032-11	SACA1121SS012	Total/NA	Solid	7471A	

TestAmerica Irvine

QC Association Summary

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Metals (Continued)

Prep Batch: 220329 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94032-12	SACA1121SS011	Total/NA	Solid	7471A	5
440-94032-13	SACA1121DD011	Total/NA	Solid	7471A	6
440-94032-14	SACA1121SS013	Total/NA	Solid	7471A	7
440-94032-15	SACA1121SS010	Total/NA	Solid	7471A	8
440-94032-16	SACA1121SS009	Total/NA	Solid	7471A	9
LCS 440-220329/2-A	Lab Control Sample	Total/NA	Solid	7471A	10
MB 440-220329/1-A	Method Blank	Total/NA	Solid	7471A	11

Prep Batch: 220331

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94008-A-1-D MS ^5	Matrix Spike	Total/NA	Solid	3050B	12
440-94008-A-1-E MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	3050B	13
440-94032-26	SACA1121SS014	Total/NA	Solid	3050B	1
440-94032-27	SACA1121SS015	Total/NA	Solid	3050B	2
LCS 440-220331/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	3
MB 440-220331/1-A ^5	Method Blank	Total/NA	Solid	3050B	4

Prep Batch: 220333

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94032-17	SACA1121SS008	Total/NA	Solid	7471A	1
440-94032-17 MS	SACA1121SS008	Total/NA	Solid	7471A	2
440-94032-17 MSD	SACA1121SS008	Total/NA	Solid	7471A	3
440-94032-19	SACA1121SS007	Total/NA	Solid	7471A	4
440-94032-20	SACA1121SS006	Total/NA	Solid	7471A	5
440-94032-21	SACA1121SS005	Total/NA	Solid	7471A	6
440-94032-22	SACA1121SS004	Total/NA	Solid	7471A	7
440-94032-23	SACA1121DD001	Total/NA	Solid	7471A	8
440-94032-24	SACA1121SS003	Total/NA	Solid	7471A	9
440-94032-25	SACA1121SS002	Total/NA	Solid	7471A	10
440-94032-26	SACA1121SS014	Total/NA	Solid	7471A	11
440-94032-27	SACA1121SS015	Total/NA	Solid	7471A	12
LCS 440-220333/2-A	Lab Control Sample	Total/NA	Solid	7471A	13
MB 440-220333/1-A	Method Blank	Total/NA	Solid	7471A	1

Analysis Batch: 220344

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94032-17	SACA1121SS008	Total/NA	Solid	7471A	220333
440-94032-17 MS	SACA1121SS008	Total/NA	Solid	7471A	220333
440-94032-17 MSD	SACA1121SS008	Total/NA	Solid	7471A	220333
440-94032-19	SACA1121SS007	Total/NA	Solid	7471A	220333
440-94032-20	SACA1121SS006	Total/NA	Solid	7471A	220333
440-94032-21	SACA1121SS005	Total/NA	Solid	7471A	220333
440-94032-22	SACA1121SS004	Total/NA	Solid	7471A	220333
440-94032-23	SACA1121DD001	Total/NA	Solid	7471A	220333
440-94032-24	SACA1121SS003	Total/NA	Solid	7471A	220333
440-94032-25	SACA1121SS002	Total/NA	Solid	7471A	220333
440-94032-26	SACA1121SS014	Total/NA	Solid	7471A	220333
440-94032-27	SACA1121SS015	Total/NA	Solid	7471A	220333
LCS 440-220333/2-A	Lab Control Sample	Total/NA	Solid	7471A	220333
MB 440-220333/1-A	Method Blank	Total/NA	Solid	7471A	220333

TestAmerica Irvine

QC Association Summary

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Metals (Continued)

Analysis Batch: 220355

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94032-1	SACA1121SS020	Total/NA	Solid	7471A	220329
440-94032-2	SACA1121SS019	Total/NA	Solid	7471A	220329
440-94032-3	SACA1121SS018	Total/NA	Solid	7471A	220329
440-94032-4	SACA1121SS017	Total/NA	Solid	7471A	220329
440-94032-5	SACA1121SS016	Total/NA	Solid	7471A	220329
440-94032-5 MS	SACA1121SS016	Total/NA	Solid	7471A	220329
440-94032-5 MSD	SACA1121SS016	Total/NA	Solid	7471A	220329
440-94032-10	SACA1121SS001	Total/NA	Solid	7471A	220329
440-94032-11	SACA1121SS012	Total/NA	Solid	7471A	220329
440-94032-12	SACA1121SS011	Total/NA	Solid	7471A	220329
440-94032-13	SACA1121DD011	Total/NA	Solid	7471A	220329
440-94032-14	SACA1121SS013	Total/NA	Solid	7471A	220329
440-94032-15	SACA1121SS010	Total/NA	Solid	7471A	220329
440-94032-16	SACA1121SS009	Total/NA	Solid	7471A	220329
LCS 440-220329/2-A	Lab Control Sample	Total/NA	Solid	7471A	220329
MB 440-220329/1-A	Method Blank	Total/NA	Solid	7471A	220329

Analysis Batch: 220391

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94008-A-1-D MS ^5	Matrix Spike	Total/NA	Solid	6010B	220331
440-94008-A-1-E MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	6010B	220331
440-94032-26	SACA1121SS014	Total/NA	Solid	6010B	220331
440-94032-27	SACA1121SS015	Total/NA	Solid	6010B	220331
LCS 440-220331/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	220331
MB 440-220331/1-A ^5	Method Blank	Total/NA	Solid	6010B	220331

Analysis Batch: 220403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94032-1	SACA1121SS020	Total/NA	Solid	6010B	220327
440-94032-2	SACA1121SS019	Total/NA	Solid	6010B	220327
440-94032-3	SACA1121SS018	Total/NA	Solid	6010B	220327
440-94032-4	SACA1121SS017	Total/NA	Solid	6010B	220327
440-94032-5	SACA1121SS016	Total/NA	Solid	6010B	220327
440-94032-5 MS	SACA1121SS016	Total/NA	Solid	6010B	220327
440-94032-5 MSD	SACA1121SS016	Total/NA	Solid	6010B	220327
440-94032-10	SACA1121SS001	Total/NA	Solid	6010B	220327
440-94032-11	SACA1121SS012	Total/NA	Solid	6010B	220327
440-94032-12	SACA1121SS011	Total/NA	Solid	6010B	220327
440-94032-13	SACA1121DD011	Total/NA	Solid	6010B	220327
440-94032-14	SACA1121SS013	Total/NA	Solid	6010B	220327
440-94032-15	SACA1121SS010	Total/NA	Solid	6010B	220327
440-94032-16	SACA1121SS009	Total/NA	Solid	6010B	220327
440-94032-17	SACA1121SS008	Total/NA	Solid	6010B	220327
440-94032-19	SACA1121SS007	Total/NA	Solid	6010B	220327
440-94032-20	SACA1121SS006	Total/NA	Solid	6010B	220327
440-94032-21	SACA1121SS005	Total/NA	Solid	6010B	220327
440-94032-22	SACA1121SS004	Total/NA	Solid	6010B	220327
440-94032-23	SACA1121DD001	Total/NA	Solid	6010B	220327
440-94032-24	SACA1121SS003	Total/NA	Solid	6010B	220327
440-94032-25	SACA1121SS002	Total/NA	Solid	6010B	220327
LCS 440-220327/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	220327

TestAmerica Irvine

QC Association Summary

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Metals (Continued)

Analysis Batch: 220403 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 440-220327/1-A ^5	Method Blank	Total/NA	Solid	6010B	220327

Analysis Batch: 225764

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94032-21	SACA1121SS005	Total/NA	Solid	6010B	220327
440-94032-23	SACA1121DD001	Total/NA	Solid	6010B	220327

General Chemistry

Analysis Batch: 225347

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94032-1	SACA1121SS020	Total/NA	Solid	Moisture	10
440-94032-2	SACA1121SS019	Total/NA	Solid	Moisture	11
440-94032-3	SACA1121SS018	Total/NA	Solid	Moisture	12
440-94032-4	SACA1121SS017	Total/NA	Solid	Moisture	13
440-94032-5	SACA1121SS016	Total/NA	Solid	Moisture	
440-94032-5 DU	SACA1121SS016	Total/NA	Solid	Moisture	
440-94032-5 MS	SACA1121SS016	Total/NA	Solid	Moisture	
440-94032-5 MSD	SACA1121SS016	Total/NA	Solid	Moisture	
440-94032-10	SACA1121SS001	Total/NA	Solid	Moisture	
440-94032-11	SACA1121SS012	Total/NA	Solid	Moisture	
440-94032-12	SACA1121SS011	Total/NA	Solid	Moisture	
440-94032-13	SACA1121DD011	Total/NA	Solid	Moisture	
440-94032-14	SACA1121SS013	Total/NA	Solid	Moisture	
440-94032-15	SACA1121SS010	Total/NA	Solid	Moisture	
440-94032-16	SACA1121SS009	Total/NA	Solid	Moisture	
440-94032-17	SACA1121SS008	Total/NA	Solid	Moisture	
440-94032-19	SACA1121SS007	Total/NA	Solid	Moisture	
440-94032-20	SACA1121SS006	Total/NA	Solid	Moisture	
440-94032-21	SACA1121SS005	Total/NA	Solid	Moisture	
440-94032-22	SACA1121SS004	Total/NA	Solid	Moisture	
440-94032-23	SACA1121DD001	Total/NA	Solid	Moisture	
440-94032-24	SACA1121SS003	Total/NA	Solid	Moisture	
440-94032-25	SACA1121SS002	Total/NA	Solid	Moisture	

Analysis Batch: 225349

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94032-26	SACA1121SS014	Total/NA	Solid	Moisture	
440-94032-27	SACA1121SS015	Total/NA	Solid	Moisture	
440-96892-A-8 DU	Duplicate	Total/NA	Solid	Moisture	

Definitions/Glossary

Client: Center for Toxicology & Env Health LLC
Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery exceeds the control limits
F2	MS/MSD RPD exceeds control limits
*	ISTD response or retention time outside acceptable limits
X	Surrogate is outside control limits
ID	Analyte identified by RT & presence of single mass ion

GC/MS Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery exceeds the control limits
X	Surrogate is outside control limits
*	LCS or LCSD exceeds the control limits
*	ISTD response or retention time outside acceptable limits
F2	MS/MSD RPD exceeds control limits

GC VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits
*	RPD of the LCS and LCSD exceeds the control limits

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery exceeds the control limits
F2	MS/MSD RPD exceeds control limits

Metals

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery exceeds the control limits

Glossary

Abbreviation

These commonly used abbreviations may or may not be present in this report.

□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Certification Summary

Client: Center for Toxicology & Env Health LLC
Project/Site: 106846-Patriot Env, Santa Paula

TestAmerica Job ID: 440-94032-1

Laboratory: TestAmerica Irvine

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alaska	State Program	10	CA01531	06-30-15
Arizona	State Program	9	AZ0671	10-13-15
California	LA Cty Sanitation Districts	9	10256	01-31-15
California	State Program	9	2706	06-30-16
Guam	State Program	9	Cert. No. 12.002r	01-23-15
Hawaii	State Program	9	N/A	01-29-15 *
Nevada	State Program	9	CA015312007A	07-31-15
New Mexico	State Program	6	N/A	01-29-15
Northern Mariana Islands	State Program	9	MP0002	01-29-15
Oregon	NELAP	10	4005	01-29-15
USDA	Federal		P330-09-00080	06-06-15
USEPA UCMR	Federal	1	CA01531	01-31-15

* Certification renewal pending - certification considered valid.

TestAmerica Irvine

TestAmerica Irvine

17461 Berrian Ave
Suite 100

Irvine, CA 92614
Phone: 949.261.1022 Fax:

Chain of Custody Record

027430

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (07/3)

Regulatory Program: DW NPDES RCRA other:

Client Contact		Project Manager: Kyle Bennett Tel/Fax: 949.261.1022 -com	Site Contact: Lab Contact:	Date: 11-21-14	COC No: 1 of 3 COCs
Company Name: CTEH Address: 5120 Northshore Dr City/State/Zip: Irvine Little Rock, AR 72118 Phone: 501-855-0200 Fax:		Analysis Turnaround Time CALENDAR DAYS <input checked="" type="checkbox"/> WORKING DAYS TAT if different from Below 2 weeks 1 week 2 days 1 day		Sampler: <u>Billy Williams</u> For Lab Use Only: Walk-in Client. Lab Sampling: Job / SDG No.:	
Project Name: 104 840 - Patriot Env Site: Santa Paula, CA PO #					

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp., G=Grab)	Matrix	# of Cont.
SACAI1121SS020	11-21-14	1350	G soil	2	X X X X
SACAI1121SS019	11-21-14	1430	G soil	2	X X X X
SACAI1121SS018	11-21-14	1500	G soil	2	X X X X
SACAI1121SS017	11-21-14	1520	G soil	2	X X X X
SACAI1121SS016	11-21-14	1540	G soil	2	X X X X
SACAI1121SS015	11-21-14	1540	G soil	2	X X X X
SACAI1121SS014	11-21-14	1540	G soil	2	X X X X
SACAI1121SS013	11-21-14	1540	G soil	2	X X X X
SACAI1121SS002	11-21-14	—	—	2	X X X X
SACAI1121TB003	11-21-14	—	—	2	X X X X
SACAI1121SS001	11-21-14	1333	G soil	2	X X X X
SACAI1121SS012	11-21-14	1427	G soil	2	X X X X
SACAI1121SS011	11-21-14	1451	G soil	2	X X X X
Preservation Used: 1=Ice; 2=HCl; 3=H2SO4; 4=HNO3; 5=NaOH; 6=Other					1 1 1 1 2

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Non-Hazard Flammable Skin Irritant Poison B Unknown

Special Instructions/QC Requirements & Comments: CC: Christopher.murphy@westonsolutions.com; dunkelman.tom@epa.gov; kbennett@ctch.com; Skluska@ctch.com Comments: Any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months
<input type="checkbox"/> Custody Seals intact: <input type="checkbox"/> Yes <input type="checkbox"/> No Relinquished by: <u>Daniel Davis</u> Relinquished for: <u>Christopher Bennett</u> Relinquished by: <u>Christopher Bennett</u> Relinquished for: <u>Christopher Bennett</u> Date/Time: 11/21/14 2:00 PM		Cooler Temp. (°C): Obsd: _____ Corrd: _____ Therm ID No.: <u>5414815</u> Received by: <u>Christopher Bennett</u> Company: <u>CTCH</u> Received by: <u>Christopher Bennett</u> Company: <u>CTCH</u>

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TestAmerica Irvine
17461 Victoria Ave
Suite 100
Irvine, CA 92614
Phone: 949.261.1022 Fax:

Chain of Custody Record

- 027431

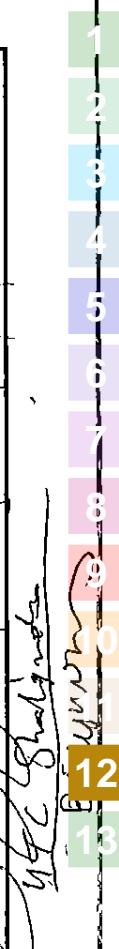
TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

TAL-8210 (0713)

DW NPDES RCRA other:

Client Contact		Project Manager: Kyle Bennett	Site Contact: <input checked="" type="checkbox"/>	Date: 11-21-14	COC No: 2 of 3 COCs
Company Name: CTEH	Tel/Fax: 501-8500	Lab Contact:	Carrier:		Sampler: <i>Lavanchian Dordin</i>
Address: 5120 Northshore Dr	Analysis Turnaround Time				For Lab Use Only: <input type="checkbox"/>
City/State/Zip: North Little Rock, AR 72118	<input checked="" type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS				Walk-in Client: <input type="checkbox"/>
Phone: 501-8500	TAT if different from Below				Lab Sampling: <input type="checkbox"/>
Fax:	<input type="checkbox"/> 2 weeks				Job / SDG No.: <input type="checkbox"/>
Project Name: 1016844 - Pathot Env.	<input type="checkbox"/> 1 week				
Site: Sunterra Paula, CA	<input type="checkbox"/> 2 days				
PO #:	<input checked="" type="checkbox"/> 1 day				
Sample Identification					
Sample Date	Sample Time	Sample Type (C=Comp., G=Grab)	Matrix	# of Cont.	Sample Specific Notes:
SACA1121SS0011	11-21-14	1453	Soil	2	VOCs 8260B
SACA1121SS0013	11-21-14	1527	Soil	2	Metals 4041B 7471
SACA1121SS0010	11-21-14	1601	Soil	2	TRPH 8015
SACA1121SS0009	11-21-14	1617	Soil	2	SVOCs 8270B
SACA1121SS0008	11-21-14	1645	Soil	2	VOCs 8260B
SACA1121SS0001	11-21-14	—	—	2	Perfrom MS/MSD (Y/N)
SACA1121SS0007	11-21-14	1414	Soil	2	Preferred Sample (Y/N)
SACA1121SS0006	11-21-14	1458	Soil	2	
SACA1121SS0005	11-21-14	1532	Soil	2	
SACA1121SS0004	11-21-14	1602	Soil	2	
SACA1121DD0001	11-21-14	1604	Soil	2	
SACA1121SS0003	11-21-14	1642	Soil	2	
Preservation Used: 1= Ice; 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other					
1 1 1 1 2					
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)					
<input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Month(s)					
Comments Section if the lab is to dispose of the sample.					
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison Gas <input type="checkbox"/> Unknown					
Special Instructions/QC Requirements & Comments: <i>CC; Christopher. Myers@weston-solutions; dunzelman.tom@epa.gov; kbennette@ctch.com; labresults@ctch.com</i>					
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the comments section if the lab is to dispose of the sample.					
<input type="checkbox"/> Relinquished by: <i>Bruce Bennett</i> <input type="checkbox"/> Received by: <i>Chair Q At BT</i> Company: <i>DCS</i> Date/Time: <i>11/21/14 14:15</i> <input type="checkbox"/> Relinquished by: <i>Shawn NBT</i> <input type="checkbox"/> Received by: <i>Chair Q At BT</i> Company: <i>DCS</i> Date/Time: <i>11/21/14 14:15</i> <input type="checkbox"/> Relinquished by: <i>John Shalanda</i> <input type="checkbox"/> Received by: <i>Chair Q At BT</i> Company: <i>DCS</i> Date/Time: <i>11/21/14 14:15</i> <input type="checkbox"/> Relinquished by: <i>John Shalanda</i> <input type="checkbox"/> Received by: <i>Chair Q At BT</i> Company: <i>DCS</i> Date/Time: <i>11/21/14 14:15</i>					



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TestAmerica Irvine

17461 Meridian Ave
Suite 100
Irvine, CA 92614
Phone: 949.261.1022 Fax:

Chain of Custody Record

027432

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: DW NPDES RCRA Other:

Client Contact		Project Manager: Kyle Bennett	Site Contact:	Date: 11-21-14	COC No:
Company Name: CTEH	Tel/Fax: 501-747-4078	Lab Contact:	Carrier:	3 of 3 COCS	
Address: 5120 Normshore Dr		Analysis Turnaround Time		Sampler: TARA UD010	
City/State/Zip: North Little Rock, AR 72117		<input checked="" type="checkbox"/> CALENDAR DAYS		For Lab Use Only:	
Phone: 501-801-8500	Fax:	<input type="checkbox"/> WORKING DAYS		Walk-in Client:	
Project Name: 1D4846 - Pathot Env.		<input checked="" type="checkbox"/> TAT if different from Below		Lab Sampling:	
Site: Sunta Paula, CA		<input type="checkbox"/> 2 weeks		Job / SDG No.:	
PO #:		<input type="checkbox"/> 1 week			
		<input type="checkbox"/> 2 days			
		<input type="checkbox"/> 1 day			
Sample Identification					
Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Sample Specific Notes:
SAC1121SS002	11-21-14	1708	G	soil 1	XX XX XX XX
SAC1121SS014	11-21-14	1732	G	soil 1	XX XX XX XX

Filled Sample MSD (Y/N)		Perform MS/MSD (Y/N)		Metals (6010/1411)		TRPH 8015		SVOCs 8270		VOCs 8260		Perfom MS/MSD (Y/N)		Metals (6010/1411)			
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.
SAC1121SS002	11-21-14	1708	G	soil 1	2	SAC1121SS014	11-21-14	1732	G	soil 1	2	SAC1121SS014	11-21-14	1732	G	soil 1	2
TEST DUE																	
RECEIVED																	
RELEASER																	

Preservation Used: 1= Ice; 2= HCl; 3= H₂SO₄; 4=HNO₃; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Non-Hazard Flammable Skin Irritant Poison B Unknown

Special Instructions/QC Requirements & Comments:
CC: chrisstopner.myers@westonsolutions.com; dunkeiman.ton@epa.gov; Kbennett@cteh.com; SKluska@cteh.com; labresults@cteh.com
Custody Seals intact: Yes No

Relinquished by: Bullock, Jungs	Custody Seal No.: 1815	Received by: Chris Stopner	Date/Time: 11/21/14 10:05
Relinquished by: Shay & Mast	Date/Time:	Received by:	Date/Time:
Relinquished by: Shay & Mast	Date/Time:	Received by:	Date/Time:

Login Sample Receipt Checklist

Client: Center for Toxicology & Env Health LLC

Job Number: 440-94032-1

Login Number: 94032

List Source: TestAmerica Irvine

List Number: 1

Creator: Cruz, Lisandro D

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Received extra samples not listed on COC.
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	